Miloš Vidulović 457329

Digitally signed by Miloš Vidulović 457329
Date: 2024.04.03 13:57:02 +02'00'

IZRADIO ZA IZVOĐAČA: **ABA PROFESSIONAL DOO**

ELABORAT REALIZACIJE OBNOVE GEODETSKE MREŽE PRUGE DEONICA OD KM160 DO KM184

PROJEKAT:

DVOKOLOSEČNA ŽELEZNIČKA PRUGA, DEONICA
NOVI SAD - SUBOTICA
DRŽAVNA GRANICA SA MAĐARSKOM

APRIL 2024.

ODOBRIO ZA NADZOR: **SDC PROFESSIONAL**

ADRŽAJ

1. OPŠTA DOKUMENTACIJA 3
2. TEKSALNA DOKUMENTACIJA 33
2.1 Postojeća geodetska osnova 34
2.2 Datumska transformacija u državni koordinatni sistem 34
2.3 Namena i koncept geodetske mreže puge (GMP) 35
2.4 Rekognosciranje, otkrivanje i stabilizacija tačaka 36
3. NUMERIČKA DOKUMENTACIJA 37
3.1 Spisak koordinata i visina tačaka geodetske osnove objekta 38
4. PLAN GPS MERENJA U 2D MREŽI 40
5. IZVEŠTAJ MERENJA GNSS VEKTORA 48
6. IZVEŠTAJ O PROCESIRANJU GNSS VEKTORA 83
7. IZVESTAJ O IZRAVNANJU 2D MREŽE 122
8. IZVEŠTAJ TRANSFORMACIJE 178
9. PLAN MERENJA U 1D MREŽI 183
10. ORIGINAL NIVELMANSKA MERENjA 191
11. VISINSKE RAZLIKE NIVELANJA NAPRED/NAZAD 288
12. IZVEŠTAJ O IZRAVNANJU 1D MREŽE 298
13. SPISAK KOORDINATA I VISINA TAČAKA OBNOVLJENE GEODETSKE MREŽE 310

Station 311
Easting [m] 311
Northing [m] 311
Ortho. Height [m] 311
14. SPISAK KOORDINATA I VISINA POSTOJEĆE GEODETSKE MREŽE……315
15. GRAFIČKA DOKUMENTACIJA……317
PRILOZI 426

1. OPŠTA DOKUMENTACIJA

Република Србија
Агенција за привредне регистре

5000151052403

Регистар привредних субјеката
БД 23394/2019

Дана, 08.03.2019. године
Београд

Регистратор Регистра привредних субјеката који води Агенција за привредне регистре, на основу члана 15. став 1. Закона о поступку регистрације у Агенцији за привредне регистре („Службени гласник РС“, бр. 99/2011, 83/2014), одлучујући о регистрационој пријави промене података код PRIVREDNO DRUŠTVO ABA-GEODETSKA KUĆA DOO BEOGRAD (ZVEZDARA), матични број: 20609737, коју је поднео/ла:

Име и презиме: Милош Видуловић

доноси

РЕШЕЊЕ

УСВАЈА СЕ регистрациона пријава, па се у Регистар привредних субјеката региструје промена података код:

PRIVREDNO DRUŠTVO ABA-GEODETSKA KUĆA DOO BEOGRAD (ZVEZDARA)

Регистарски/матични број: 20609737

и то следећих промена:

Промена пословног имена:
Брише се:
PRIVREDNO DRUŠTVO ABA-GEODETSKA KUĆA DOO BEOGRAD (ZVEZDARA)
Уписује се:
PRIVREDNO DRUŠTVO ABA PROFESSIONAL DOO BEOGRAD

Промена скраћеног пословног имена:
Брише се:
ABA-GEODETSKA KUĆA DOO BEOGRAD
Уписује се:
ABA PROFESSIONAL DOO BEOGRAD

Промена адресе за пријем електронске поште:
Уписује се:
office@abapro.rs

О б р а з л о ж е њ е

Подносилац регистрационе пријаве поднео је дана 05.03.2019. године регистрациону пријаву промене података број БД 23394/2019 и уз пријаву је доставио документацију наведену у потврди о примљеној регистрационој пријави.

Проверавајући испуњеност услова за регистрацију промене података, прописаних одредбом члана 14. Закона о поступку регистрације у Агенцији за привредне регистре , Регистратор је утврдио да су испуњени услови за регистрацију, па је одлучио као у диспозитиву решења, у складу са одредбом члана 16. Закона.

Висина накнаде за вођење поступка регистрације утврђена је Одлуком о накнадама за послове регистрације и друге услуге које пружа Агенција за привредне регистре („Сл. гласник РС“, бр. 119/2013, 138/2014, 45/2015, 106/2015, 60/2016 и 75/2018).

УПУТСТВО О ПРАВНОМ СРЕДСТВУ:
Против овог решења може се изјавити жалба министру надлежном за положај привредних друштава и других облика пословања, у року од 30 дана од дана објављивања на интернет страни Агенције за привредне регистре, а преко Агенције.

РЕГИСТРАТОР

Миладин Маглов

Република Србија
Агенција за привредне регистре

5000171501059

Регистар привредних субјеката
БД 9810/2020

Дана, 10.02.2020. године
Београд

Регистратор Регистра привредних субјеката који води Агенција за привредне регистре, на основу члана 15. став 1. Закона о поступку регистрације у Агенцији за привредне регистре („Службени гласник РС“, бр. 99/2011, 83/2014, 31/2019), одлучујући о регистрационој пријави промене података код PRIVREDNO DRUŠTVO ABA PROFESSIONAL DOO BEOGRAD, матични број: 20609737, коју је поднео/ла:

Име и презиме: Милош Видуловић

доноси

РЕШЕЊЕ

УСВАЈА СЕ регистрациона пријава, па се у Регистар привредних субјеката региструје промена података код:

PRIVREDNO DRUŠTVO ABA PROFESSIONAL DOO BEOGRAD

Регистарски/матични број: 20609737

и то следећих промена:

Промена седишта привредног друштва:
Брише се:
Адреса: Михаила Булгакова 50 Б , Београд-Звездара , Србија
Уписује се:
Адреса: Хероја Небојше Живанчевића 6 А , Београд-Звездара , 11160 Београд , Србија

Промена података о регистрованим ограницима:
За огранак:
- ABA-GEODETSKA KUĆA DOO BEOGRAD OGRANAK ABA PROFESIONAL BEOGRAD
  Седиште: Михаила Булгакова 50 б , Београд-Звездара , Србија
  Промена назива
  Брише се:
  ABA-GEODETSKA KUĆA DOO BEOGRAD OGRANAK ABA PROFESIONAL BEOGRAD
  Уписује се:
  ABA PROFESSIONAL DOO BEOGRAD OGRANAK ABA PROJECT BEOGRAD
  Промена адресе
  Брише се:
  Адреса: Михаила Булгакова 50 б , Београд-Звездара , Србија
  Уписује се:

Адреса: Хероја Небојше Живанчевића 6 А , Београд-Звездара , Србија

О б р а з л о ж е њ е

Подносилац регистрационе пријаве поднео је дана 05.02.2020. године регистрациону пријаву промене података број БД 9810/2020 и уз пријаву је доставио документацију наведену у потврди о примљеној регистрационој пријави.

Проверавајући испуњеност услова за регистрацију промене података, прописаних одредбом члана 14. Закона о поступку регистрације у Агенцији за привредне регистре , Регистратор је утврдио да су испуњени услови за регистрацију, па је одлучио као у диспозитиву решења, у складу са одредбом члана 16. Закона.

Висина накнаде за вођење поступка регистрације утврђена је Одлуком о накнадама за послове регистрације и друге услуге које пружа Агенција за привредне регистре („Сл. гласник РС“, бр. 119/2013, 138/2014, 45/2015, 106/2015, 32/2016, 60/2016 и 75/2018).

УПУТСТВО О ПРАВНОМ СРЕДСТВУ:
Против ове одлуке може се изјавити жалба у року од 30 дана од дана објављивања одлуке на интернет страни Агенције за привредне регистре, министру надлежном за послове привреде, а преко Агенције за привредне регистре. Административна такса за жалбу у износу од 480,00 динара и решење по жалби у износу од 550,00 динара, уплаћује се у буџет Републике Србије. Жалба се може изјавити и усмено на записник у Агенцији за привредне регистре.

РЕГИСТРАТОР

Младен Маглов

РЕПУБЛИКА СРБИЈА
РЕПУБЛИЧКИ ГЕОДЕТСКИ ЗАВОД
број 952-03-27/2017
Дана: 10.02.2017. године
Београд

Републички геодетски завод, решавајући по захтеву геодетске организације PRIVREDNO DRUŠTVO ABA-GEODETSKA KUĆA DOO, Београд, ул. Михаила Булгакова 50 Б, о измени решења којим је издата лиценца за рад на основу члана 18. став 3. Закона о државном премеру и катастру («Службени гласник РС», број 72/09, 18/10, 65/13, 15/15 и 96/15) и члана 192. Закона о општем управном поступку («Службени лист СРЈ», бр. 33/97 и 31/01 и «Службени гласник РС», број 30/2010), доноси

Р Е Ш Е Њ Е

ИЗДАЈЕ СЕ лиценца за рад PRIVREDNOM DRUŠTVU ABA-GEODETSKA KUĆA DOO, Београд (МБ 20609737) и то за израду техничке документације и стручни надзор над извођењем геодетских радова за које је законом предвиђена израда главног пројекта; за извођење геодетских радова за које је предвиђена израда главног пројекта; за извођење геодетских радова у одржавању катастра непокретности и одржавању катастра водова; за извођење геодетских радова на изради геодетских подлога у инжењерско-техничким областима за које се не израђује главни пројекат; за израду пројеката геодетског обележавања у области урбанистичког планирања и реализацију пројеката геодетског обележавања у области урбанистичког планирања.

Видуловић Љубиши, дипломираном инжењеру геодезије, Војновић Драгмиу, дипломираном инжењеру геодезије, Максимовић Јовани, мастер инжењеру геодезије, Видуловић Милошу, мастер инжењеру геодезије, Глигоријевић Дарку, струковном инжењеру геодезије, Ђурковић Милошу, струковном инжењеру геодезије, Терзић Стефану, струковном инжењеру геодезије, Машана Дајани, геометру, Ристић Бобану, геометру, Хаџисалиховић Ернесу, геометру, Цветковић Тањи, геометру, запосленима у геодетској организацији PRIVREDNO DRUŠTVO ABA-GEODETSKA KUĆA DOO, Београд, издају се легитимације за идентификацију.

Обавезује се геодетска организација PRIVREDNO DRUŠTVO ABA-GEODETSKA KUĆA DOO, Београд да врати легитимацију за идентификацију издату на име Стевановић Владимир, дипломирани инжењер геодезије и Јанковић Милан, геометар.

Овим решењем замењују се решења Републичког геодетског завода број 952-03-40/2010-5 од 05.11.2013. године, 952-03-40/2010-6 од 07.05.2014. године и број 952-03-40/2010-7 од 17.07.2015. године.

О б р а з л о ж е њ е

PRIVREDNO DRUŠTVO ABA-GEODETSKA KUĆA DOO, Београд, поднела је Републичком геодетском заводу захтев за измену решења број 952-03-40/2010-

5 од 05.11.2013. године, 952-03-40/2010-6 од 07.05.2014. године и број 952-03-40/2010-7 од 17.07.2015. године, којим је издата лиценца за рад, из разлога што је Стевановић Владимиру, дипломираном инжењеру геодезије и Јанковић Милану, геометру, престао радни однос код подносиоца захтева, а засновали су радни однос Максимовић Јована, мастер инжењер геодезије, Ђурковић Милош, струковни инжењер геодезије и Терзић Стефан, струковни инжењер геодезије. За Стевановић Владимира и Јанковић Милана, достављена је одјава са обавезног социјалног осигурања, а за Максимовић Јовану, Ђурковић Милоша и Терзић Стефана, достављена је, пријава на обавезно социјално осигурање. За Максимовић Јовану, достављено је Уверење о стеченом академском звању мастер инжењер геодезије, број 10681 од 03.10.2016. године, за Ђурковић Милоша, достављено је Уверење о стеченом високом образовању, број 02-5/66 од 08.11.2016. године и за Терзић Стефана достављена је Диплома Високе грађевинско-геодетске школе струковних студија у Београду, број 02-VI/1257A од 29.02.2016. године.

Обзиром да геодетска организација има једанаест запослених лица геодетске струке, од којих су три са геодетском лиценцом првог реда, испуњава прописане услове за извођење геодетских радова из члана 17. став 1., 2., 3., 4., и 5., Закона о државном премеру катастру («Службени гласник РС», бр. 72/09, 18/10, 65/13, 15/15 и 96/15), одлучено као у ставу 1. диспозитива овог решења.

Одредбама члана 16. став 1. Закона о државном премеру и катастру, прописано је да лицу геодетске струке запосленом у геодетској организацији, Завод издаје легитимацију за идентификацију, па је одлучено као у ставу 2. диспозитива овог решења.

Увидом у достављене доказе, утврђено је да је престао радни однос код подносиоца захтева Стевановић Владимиру, дипломираном инжењеру геодезије 29.02.2016. године и Јанковић Милану, геометру 13.05.2016. године, те како именовани више нису запослени у геодетској организацији PRIVREDNO DRUŠTVO ABA-GEODETSKA KUĆA DOO, Београд, то је сходно одредбама члана 16. став 3. Закона о државном премеру и катастру («Службени гласник РС», бр. 72/09, 18/10, 65/13, 15/15 и 96/15), одлучено као у ставу 3. диспозитива овог решења.

Решавајући о изменама лиценце за рад геодетске организације, овај орган је проценио да је целисходније да се до сада донета решења о издавању лиценце и измени лиценце за рад геодетске организације PRIVREDNO DRUŠTVO ABA-GEODETSKA KUĆA DOO, Београд, замене новим решењем, па је одлучено је као у ставу 4. диспозитива овог решења.

Наплаћена је административна такса у износу од 300,00 динара, сходно тарифном бр. 1. Закона о републичким административним таксама ("Службени гласник РС", бр. 43/03, 53/04, 42/05, 42/06, 47/07, 54/08, 5/09, 54/09, 35/10, 50/11, 70/11, 55/12, 93/12, 47/13, 65/13, 45/15), као и такса за измену лиценце за рад у износу од 3097,00 динара и такса за издавање легитимације за запосленог у износу од 5368,00 динара, сходно тарифном броју 42. Правилника о висини таксе за пружање услуга Републичког геодетског завода («Службени гласник РС», број 116/13, 120/14, 29/15 и 35/16).

Против овог решења може се изјавити жалба Министарству грађевинарства, саобраћаја и инфраструктуре, у року од 8 дана од дана пријема решења, а преко Републичког геодетског завода у Београду, Булевар војводе Мишића бр. 39, са доказом о плаћеној републичкој административној такси у износу од 440,00 динара сходно тарифном бр. 6 горе поменутог Закона, на жиро-

рачун пореске управе Београд број 840-742221843-57 са позивом на број 97 50016.

В.Д. ДИРЕКТОРА

Борко Драшковић, дипл.геод.инж.

Доставити:
- PRIVREDNO DRUŠTVO ABA-GEODETSKA KUĆA DOO, Београд, ул. Михаила Булгакова 50 Б
- СКН Звездара
- Архиви

РЕПУБЛИКА СРБИЈА
РЕПУБЛИЧКИ ГЕОДЕТСКИ ЗАВОД
број 952-03-27/2017-2
Дана: 12.12.2017. године
Београд

Републички геодетски завод, решавајући по захтеву PRIVREDNO DRUŠTVO ABA-GEODETSKA KUĆA DOO BEOGRAD (ZVEZDARA), у даљем тексту скраћени назив (ABA-GEODETSKA KUĆA DOO BEOGRAD) Београд-Звездара, ул. Михаила Булгакова 50 Б, за измену решења којим је издата лиценца за рад, на основу члана 18. став 3. Закона о државном премеру и катастру («Службени гласник РС», број 72/09, 18/10, 65/13, 15/15 и 96/15) и члана 136. Закона о општем управном поступку («Службени гласник РС», број 18/2016), доноси

Р Е Ш Е Њ Е

МЕЊА СЕ решење 03 број 952-03-27/2017 од 10.02.2017. године у ставу 2. диспозитива, због престанка радног односа Машина Дајани, геометру, Максимовић Јовани, мастер инжењеру геодезије и пријема у радни однос Јовановић Сање, геометра, те став 2. сада гласи:

Видуловић Љубиши, дипломираном геодетском инжењеру, Војновић Драгмиу, дипломираном геодетском инжењеру, Видуловић Милошу, мастер инжењеру геодезије, Ристић Бобану, геометру, Хаџисалиховић Ернесу, геометру, Цветковић Тањи, геометру, Глигоријевић Дарку, струковном инжењеру геодезије, Ђурковић Милошу, струковном инжењеру геодезије, Терзић Стефану, струковном инжењеру геодезије и Јовановић Сањи геометру, запосленима у ABA-GEODETSKA KUĆA DOO BEOGRAD, Београд-Звездара, издају се легитимације за идентификацију.

У осталом делу решење 03 број 952-03-27/2017 од 10.02.2017. године, остаје непромењено.

О б р а з л о ж е њ е

Геодетска организација ABA-GEODETSKA KUĆA DOO BEOGRAD, Београд-Звездара, поднела је захтев за измену решења 03 број 952-03-27/2017 од 10.02.2017. године, због престанка радног односа Машина Дајани, геометру, Максимовић Јовани, мастер инжењеру геодезије и пријема у радни однос Јовановић Сање, геометра. За Машина Дајану, геометра и Максимовић Јовану, мастер инжењера геодезије, уз захтев је достављена потврда о поднетој одјави

на обавезно социјално осигурање и за Максимовић Јовану, враћена је легитимација за идентификацију број 2246. За Јовановић Сању, достављена је диплома Геодетске техничке школе у Београду, број 7/4 од 13.06.2005. године, потврда о поднетој пријави на обавезно социјално осигурање и очитана лична карта.

Ценећи достављене исправе, утврђено је да је Јовановић Сања, геометар, засновала радни однос у ABA-GEODETSKA KUĆA DOO BEOGRAD, Београд-Звездара, те да су испуњени услови за измену решења сходно одредбама члана 18. став 3. Закона о државном премеру и катастру («Службени гласник РС», бр. 72/09, 18/10, 65/13, 15/15 и 96/15), а у вези члана 16. став 1. истог Закона, па је одлучено је као у ставу 2. диспозитива овог решења.

Наплаћена је административна такса у износу од 310,00 динара сходно тарифном бр. 1. Закона о републичким административним таксама ("Службени гласник РС", бр. 43/03, 51/03, 61/05, 101/05, 5/09, 54/09, 50/11, 70/11, 55/12, 93/12, 47/13, 65/13, 57/14, 45/15, 83/15, 112/15, 50/16 и 61/17), такса за легитимацију за идентификацију за новозапослено лице у геодетској организацији у износу од 1363,00 динара и такса за измену решења којим је издата лиценца за рад у износу од 3147,00 динара, сходно тарифном броју 42. Правилника о висини таксе за пружање услуга Републичког геодетског завода («Службени гласник РС», број 116/13, 5/2014, 8/2014, 120/14, 29/15, 35/16 и 48/17).

Против овог решења може се изјавити жалба Министарству грађевинарства, саобраћаја и инфраструктуре, у року од 8 дана од дана пријема решења, а преко Републичког геодетског завода у Београду, Булевар војводе Мишића бр. 39, са доказом о плаћеној републичкој административној такси у износу од 460,00 динара сходно тарифном бр. 6 горе поменутог Закона, на жиро-рачун пореске управе Београд број 840-742221843-57 са позивом на број 97 50016.

ДИРЕКТОР

Борко Драшковић, дипл.геод.инж.

Доставити:

- ABA-GEODETSKA KUĆA DOO BEOGRAD, Београд-Звездара, ул. Михаила Булгакова 50 Б
- СКН Звездара
- Архиви

РЕПУБЛИКА СРБИЈА
РЕПУБЛИЧКИ ГЕОДЕТСКИ ЗАВОД
број 952-03-85/2019
Дана: 26.03.2019. године
Београд

Републички геодетски завод, решавајући по захтеву PRIVREDNO DRUŠTVO ABA PROFESSIONAL DOO BEOGRAD, у даљем тексту скраћени назив ABA PROFESSIONAL DOO BEOGRAD, Београд-Звездара, Михаила Булгакова 50 Б, за измену решења којим је издата лиценца за рад, на основу члана 18. став 3. Закона о државном премеру и катастру («Службени гласник РС», број 72/09, 18/10, 65/13, 15/15, 96/15, 47/17, 113/17, 27/18 и 41/18) и члана 136. Закона о општем управном поступку («Службени гласник РС», број 18/2016 и 95/18), доноси

Р Е Ш Е Њ Е

МЕЊА СЕ решење Републичког геодетског завода број 952-03-27/2017 од 10.02.2017. године, тако што се мења пословно име, уместо PRIVREDNO DRUŠTVO ABA-GEODETSKA KUĆA DOO BEOGRAD (ZVEZDARA), скраћено пословно име ABA-GEODETSKA KUĆA DOO BEOGRAD, уписује се PRIVREDNO DRUŠTVO ABA PROFESSIONAL DOO BEOGRAD скраћено пословно име ABA PROFESSIONAL DOO BEOGRAD и због промене презимена Станушић Сањи, геометру (раније Јовановић) и пријема у радни однос Петковић Сање, геометра, Николић Сање, геометра, Топаловић Милана, геометра, Станојевић Немање, инжењера геодезије, Станојевић Јелене, инжењера геодезије и Крнић Марије, дипломираног инжењера геодезије, те став 2. сада гласи:

Видуловић Љубиши, дипломираном инжењеру геодезије, Војновић Драгмиу, дипломираном инжењеру геодезије, Видуловић Милошу, мастер инжењеру геодезије, Станушић Сањи, геометру, (раније Јовановић), Ристић Бобану, геометру, Хаџисалиховић Ернесу, геометру, Цветковић Тањи, геометру, Глигоријевић Дарку, струковном инжењеру геодезије, Ђурковић Милошу, струковном инжењеру геодезије, Терзић Стефану, струковном инжењеру геодезије, Петковић Сањи, геометру, Николић Сањи, геометру, Топаловић Милану, геометру, Станојевић Немањи, инжењеру геодезије, Станојевић Јелени, инжењеру геодезије и Крнић Марији, дипломираном инжењеру геодезије, запосленима у ABA PROFESSIONAL DOO BEOGRAD, издаје се легитимација за идентификацију.

У осталом делу решење 03 број 952-03-27/2017 од 10.02.2017. године, остаје непромењено.

О б р а з л о ж е њ е

Геодетска организација ABA PROFESSIONAL DOO BEOGRAD, поднела је Републичком геодетском заводу захтев за упис због промене пословног имена, с тим да ПИБ и МБ остају непромењени и због промене презимена Станушић Сањи,

геометру (раније Јовановић). Уз захтев је достављено решење Агенције за привредне регистре БД 23394/2019 од 08.03.2019. године. Захтев за измену поменутог решења је поднет и из разлога пријема у радни однос Петковић Сање, геометра, Николић Сање, геометра, Топаловић Милана, геометра, Станојевић Немање, инжењера геодезије, Станојевић Јелене, инжењера геодезије и Крнић Марије, дипломираног инжењера геодезије. За Петковић Сању, уз захтев, је достављена оверена копија дипломе Геодетске техничке школе у Београду број 7/83 од 13.06.2008. године, потврда о поднетој пријави на обавезно социјално осигурање, легитимација за идентификацију број 2532 и очитана лична карта. За Николић Сању, уз захтев, је достављена оверена копија дипломе Геодетске техничке школе у Београду број 7/105 од 13.06.2008. године, потврда о поднетој пријави на обавезно социјално осигурање и очитана лична карта. За Топаловић Милана, уз захтев, је достављена оверена копија дипломе Техничка школа „23. мај" у Панчеву број 684/26 од 18.06.2012. године, потврда о поднетој пријави на обавезно социјално осигурање и очитана лична карта. За Станојевић Немању, уз захтев, је достављена оверена копија дипломе Грађевинског факултета Универзитета у Београду број 7011000 од 12.09.2017. године, потврда о поднетој пријави на обавезно социјално осигурање и очитана лична карта. За Станојевић Јелену, уз захтев, је достављена оверена копија дипломе Грађевинског факултета Универзитета у Београду број 7382400 од 01.12.2017. године, потврда о поднетој пријави на обавезно социјално осигурање и очитана лична карта. За Крнић Марију, уз захтев, је достављена копија геодетске лиценце другог реда издата решењем 952-03-61/2013 од 07.05.2013. године, потврда о поднетој пријави на обавезно социјално осигурање и фотокопија личне карте. За Станушић Сању, уз захтев, је достављена копија извода из матичне књиге венчаних број 202-00-00001/2017-26/93461 од 07.11.2017. године и очитану личну карту. За Видуловић Љубишу, уз захтев, је достављена очитана лична карта и легитимација за идентификацију 132. За Војновић Драгмиа, уз захтев, је достављена очитана лична карта и легитимација за идентификацију 133. За Видуловић Милоша, уз захтев, је достављена очитана лична карта и легитимација за идентификацију 1623. За Станушић Сању, уз захтев, је достављена очитана лична карта. За Ристић Бобана, уз захтев, је достављена очитана лична карта и легитимација за идентификацију 1624. За Хаџисалиховић Ернеса, уз захтев, је достављена очитана лична карта и легитимација за идентификацију 425. За Цветковић Тању, уз захтев, је достављена очитана лична карта и легитимација за идентификацију 2249. За Глигоријевић Дарка, уз захтев, је достављена очитана лична карта и легитимација за идентификацију 1720. За Ђурковић Милоша, уз захтев, је достављена очитана лична карта и легитимација за идентификацију 2247. За Терзић Стефана, уз захтев, је достављена очитана лична карта и легитимација за идентификацију 2248.

Поступајући по поднетом захтеву, извршен је увид у достављено решење Агенције за привредне регистре и утврђено је да је регистрована промена пословног имена, па је сходно одредбама члана 18. став 1. тачка 5. Закона о државном премеру и катастру («Службени гласник РС», бр. 72/09, 18/10, 65/13, 15/15, 96/15, 47/17 и 113/17, 27/18 и 41/18) и ценећи достављене исправе, утврђено да су Петковић Сања, геометар, Николић Сања, геометар, Топаловић Милан, геометар, Станојевић Немања, инжењер геодезије, Станојевић Јелена, инжењер геодезије и Крнић Марија, дипломирани инжењер геодезије и носилац геодетске лиценце другог реда, засновали радни однос у ABA PROFESSIONAL DOO BEOGRAD, те да су испуњени услови за измену решења сходно одредбама члана 18. став 3. Закона о државном премеру и катастру («Службени гласник РС», бр. 72/09, 18/10, 65/13, 15/15, 96/15, 47/17, 113/17, 27/18 и 41/18), а у вези члана 16. став 1. истог Закона, па је одлучено је као у диспозитиву овог решења.

Наплаћена је административна такса у износу од 310,00 динара, сходно тарифном бр. 1. Закона о републичким административним таксама ("Службени гласник РС", бр. 43/03, 51/03, 61/05, 101/05, 5/09, 54/09, 50/11, 70/11, 55/12, 93/12, 47/13, 65/13,

57/14, 45/15, 83/15, 112/15, 50/16, 61/17, 113/17, 3/18, 50/18 и 95/18), такса за легитимацију за идентификацију за запослена лица у геодетској организацији у износу од 22080,00 динара и такса за измену решења којим је издата лиценца за рад у износу од 3190,00 динара, сходно тарифном броју 215ђ Закона о републичким административним таксама ("Службени гласник РС", бр. бр. 43/03, 51/03, 61/05, 101/05, 5/09, 54/09, 50/11, 70/11, 55/12, 93/12, 47/13, 65/13, 57/14, 45/15, 83/15, 112/15, 50/16, 61/17, 113/17, 3/18, 50/18 и 95/18).

Против овог решења може се изјавити жалба Министарству грађевинарства, саобраћаја и инфраструктуре, у року од 8 дана од дана пријема решења, а преко Републичког геодетског завода у Београду, ул. Булевар Војводе Мишића бр. 39, са доказом о плаћеној републичкој административној такси у износу од 470,00 динара сходно тарифном бр. 6 горе поменутог Закона, на жиро-рачун буџета Републике Србије број 840-742221843-57 са позивом на број 7801640600.

В.Д. ПОМОЋНИКА ДИРЕКТОРА

Славиша Томовић, дипл.инж.геодез.

Доставити:

- PRIVREDNO DRUŠTVO ABA PROFESSIONAL DOO BEOGRAD, у даљем тексту скраћени назив ABA PROFESSIONAL DOO BEOGRAD, Београд-Звездара, Михаила Булгакова 50 Б
- СКН Звездара
- Архиви

РЕПУБЛИКА СРБИЈА
РЕПУБЛИЧКИ ГЕОДЕТСКИ ЗАВОД
број 952-03-85/2019
Дана: 26.03.2019. године
Београд

Републички геодетски завод, решавајући по захтеву PRIVREDNO DRUŠTVO ABA PROFESSIONAL DOO BEOGRAD, у даљем тексту скраћени назив ABA PROFESSIONAL DOO BEOGRAD, Београд-Звездара, Михаила Булгакова 50 Б, за измену решења којим је издата лиценца за рад, на основу члана 18. став 3. Закона о државном премеру и катастру («Службени гласник РС», број 72/09, 18/10, 65/13, 15/15, 96/15, 47/17, 113/17, 27/18 и 41/18) и члана 136. Закона о општем управном поступку («Службени гласник РС», број 18/2016 и 95/18), доноси

Р Е Ш Е Њ Е

МЕЊА СЕ решење Републичког геодетског завода број 952-03-27/2017 од 10.02.2017. године, тако што се мења пословно име, уместо PRIVREDNO DRUŠTVO ABA-GEODETSKA KUĆA DOO BEOGRAD (ZVEZDARA), скраћено пословно име ABA-GEODETSKA KUĆA DOO BEOGRAD, уписује се PRIVREDNO DRUŠTVO ABA PROFESSIONAL DOO BEOGRAD скраћено пословно име ABA PROFESSIONAL DOO BEOGRAD и због промене презимена Станушић Сањи, геометру (раније Јовановић) и пријема у радни однос Петковић Сање, геометра, Николић Сање, геометра, Топаловић Милана, геометра, Станојевић Немање, инжењера геодезије, Станојевић Јелене, инжењера геодезије и Крнић Марије, дипломираног инжењера геодезије, те став 2. сада гласи:

Видуловић Љубиши, дипломираном инжењеру геодезије, Војновић Драгмиу, дипломираном инжењеру геодезије, Видуловић Милошу, мастер инжењеру геодезије, Станушић Сањи, геометру, (раније Јовановић), Ристић Бобану, геометру, Хаџисалиховић Ернесу, геометру, Цветковић Тањи, геометру, Глигоријевић Дарку, струковном инжењеру геодезије, Ђурковић Милошу, струковном инжењеру геодезије, Терзић Стефану, струковном инжењеру геодезије, Петковић Сањи, геометру, Николић Сањи, геометру, Топаловић Милану, геометру, Станојевић Немањи, инжењеру геодезије, Станојевић Јелени, инжењеру геодезије и Крнић Марији, дипломираном инжењеру геодезије, запосленима у ABA PROFESSIONAL DOO BEOGRAD, издаје се легитимација за идентификацију.

У осталом делу решење 03 број 952-03-27/2017 од 10.02.2017. године, остаје непромењено.

О б р а з л о ж е њ е

Геодетска организација ABA PROFESSIONAL DOO BEOGRAD, поднела је Републичком геодетском заводу захтев за упис због промене пословног имена, с тим да ПИБ и МБ остају непромењени и због промене презимена Станушић Сањи,

геометру (раније Јовановић). Уз захтев је достављено решење Агенције за привредне регистре БД 23394/2019 од 08.03.2019. године. Захтев за измену поменутог решења је поднет и из разлога пријема у радни однос Петковић Сање, геометра, Николић Сање, геометра, Топаловић Милана, геометра, Станојевић Немање, инжењера геодезије, Станојевић Јелене, инжењера геодезије и Крнић Марије, дипломираног инжењера геодезије. За Петковић Сању, уз захтев, је достављена оверена копија дипломе Геодетске техничке школе у Београду број 7/83 од 13.06.2008. године, потврда о поднетој пријави на обавезно социјално осигурање, легитимација за идентификацију број 2532 и очитана лична карта. За Николић Сању, уз захтев, је достављена оверена копија дипломе Геодетске техничке школе у Београду број 7/105 од 13.06.2008. године, потврда о поднетој пријави на обавезно социјално осигурање и очитана лична карта. За Топаловић Милана, уз захтев, је достављена оверена копија дипломе Техничка школа „23. мај" у Панчеву број 684/26 од 18.06.2012. године, потврда о поднетој пријави на обавезно социјално осигурање и очитана лична карта. За Станојевић Немању, уз захтев, је достављена оверена копија дипломе Грађевинског факултета Универзитета у Београду број 7011000 од 12.09.2017. године, потврда о поднетој пријави на обавезно социјално осигурање и очитана лична карта. За Станојевић Јелену, уз захтев, је достављена оверена копија дипломе Грађевинског факултета Универзитета у Београду број 7382400 од 01.12.2017. године, потврда о поднетој пријави на обавезно социјално осигурање и очитана лична карта. За Крнић Марију, уз захтев, је достављена копија геодетске лиценце другог реда издата решењем 952-03-61/2013 од 07.05.2013. године, потврда о поднетој пријави на обавезно социјално осигурање и фотокопија личне карте. За Станушић Сању, уз захтев, је достављена копија извода из матичне књиге венчаних број 202-00-00001/2017-26/93461 од 07.11.2017. године и очитану личну карту. За Видуловић Љубишу, уз захтев, је достављена очитана лична карта и легитимација за идентификацију 132. За Војновић Драгмиа, уз захтев, је достављена очитана лична карта и легитимација за идентификацију 133. За Видуловић Милоша, уз захтев, је достављена очитана лична карта и легитимација за идентификацију 1623. За Станушић Сању, уз захтев, је достављена очитана лична карта. За Ристић Бобана, уз захтев, је достављена очитана лична карта и легитимација за идентификацију 1624. За Хаџисалиховић Ернеса, уз захтев, је достављена очитана лична карта и легитимација за идентификацију 425. За Цветковић Тању, уз захтев, је достављена очитана лична карта и легитимација за идентификацију 2249. За Глигоријевић Дарка, уз захтев, је достављена очитана лична карта и легитимација за идентификацију 1720. За Ђурковић Милоша, уз захтев, је достављена очитана лична карта и легитимација за идентификацију 2247. За Терзић Стефана, уз захтев, је достављена очитана лична карта и легитимација за идентификацију 2248.

Поступајући по поднетом захтеву, извршен је увид у достављено решење Агенције за привредне регистре и утврђено је да је регистрована промена пословног имена, па је сходно одредбама члана 18. став 1. тачка 5. Закона о државном премеру и катастру («Службени гласник РС», бр. 72/09, 18/10, 65/13, 15/15, 96/15, 47/17 и 113/17, 27/18 и 41/18) и ценећи достављене исправе, утврђено да су Петковић Сања, геометар, Николић Сања, геометар, Топаловић Милан, геометар, Станојевић Немања, инжењер геодезије, Станојевић Јелена, инжењер геодезије и Крнић Марија, дипломирани инжењер геодезије и носилац геодетске лиценце другог реда, засновали радни однос у ABA PROFESSIONAL DOO BEOGRAD, те да су испуњени услови за измену решења сходно одредбама члана 18. став 3. Закона о државном премеру и катастру («Службени гласник РС», бр. 72/09, 18/10, 65/13, 15/15, 96/15, 47/17, 113/17, 27/18 и 41/18), а у вези члана 16. став 1. истог Закона, па је одлучено је као у диспозитиву овог решења.

Наплаћена је административна такса у износу од 310,00 динара, сходно тарифном бр. 1. Закона о републичким административним таксама ("Службени гласник РС", бр. 43/03, 51/03, 61/05, 101/05, 5/09, 54/09, 50/11, 70/11, 55/12, 93/12, 47/13, 65/13,

57/14, 45/15, 83/15, 112/15, 50/16, 61/17, 113/17, 3/18, 50/18 и 95/18), такса за легитимацију за идентификацију за запослена лица у геодетској организацији у износу од 22080,00 динара и такса за измену решења којим је издата лиценца за рад у износу од 3190,00 динара, сходно тарифном броју 215ђ Закона о републичким административним таксама ("Службени гласник РС", бр. бр. 43/03, 51/03, 61/05, 101/05, 5/09, 54/09, 50/11, 70/11, 55/12, 93/12, 47/13, 65/13, 57/14, 45/15, 83/15, 112/15, 50/16, 61/17, 113/17, 3/18, 50/18 и 95/18).

Против овог решења може се изјавити жалба Министарству грађевинарства, саобраћаја и инфраструктуре, у року од 8 дана од дана пријема решења, а преко Републичког геодетског завода у Београду, ул. Булевар Војводе Мишића бр. 39, са доказом о плаћеној републичкој административној такси у износу од 470,00 динара сходно тарифном бр. 6 горе поменутог Закона, на жиро-рачун буџета Републике Србије број 840-742221843-57 са позивом на број 7801640600.

В.Д. ПОМОЋНИКА ДИРЕКТОРА

Славиша Томовић, дипл.инж.геодез.

Доставити:

- PRIVREDNO DRUŠTVO ABA PROFESSIONAL DOO BEOGRAD, у даљем тексту скраћени назив ABA PROFESSIONAL DOO BEOGRAD, Београд-Звездара, Михаила Булгакова 50 Б
- СКН Звездара
- Архиви

РЕПУБЛИКА СРБИЈА
РЕПУБЛИЧКИ ГЕОДЕТСКИ ЗАВОД
број 952-03-64/2020
Дана: 02.04.2020. године
Београд

Републички геодетски завод, решавајући по захтеву PRIVREDNO DRUŠTVO ABA PROFESSIONAL DOO BEOGRAD, у даљем тексту скраћено пословно име, ABA PROFESSIONAL DOO BEOGRAD, Београд-Звездара, Хероја Небојше Живанчевића 6 А, за измену решења којим је издата лиценца за рад, на основу члана 18. став 3. Закона о државном премеру и катастру («Службени гласник РС», број 72/09, 18/10, 65/13, 15/15, 96/15, 47/17, 113/17, 27/18 и 41/18) и члана 136. Закона о општем управном поступку («Службени гласник РС», број 18/2016 и 95/18), доноси

Р Е Ш Е Њ Е

МЕЊА СЕ решење 03 број 952-03-27/2017 од 10.02.2017. године у ставу 2. диспозитива, због престанка радног односа Војновић Драгмиу, дипломираном инжењеру геодезије, издавања геодетске лиценце првог реда Крнић Марији, дипломираном инжењеру геодезије и пријема у радни однос Видуловић Милице, мастер инжењера геодезије, те став 2. сада гласи:

Видуловић Милици, мастер инжењеру геодезије, запосленој у геодетској организацији ABA PROFESSIONAL DOO BEOGRAD, издаје се легитимација за идентификацију.

Уместо адресе седишта, Михаила Булгакова 50 Б, Београд-Звездара, Србија, уписује се адреса седишта Хероја Небојше Живанчевића 6 А, Београд-Звездара, Србија.

У осталом делу решење 03 број 952-03-27/2017 од 10.02.2017. године, остаје непромењено.

О б р а з л о ж е њ е

ABA PROFESSIONAL DOO BEOGRAD, поднела је захтев за измену решења 03 број 952-03-27/2017 од 10.02.2017. године, због престанка радног односа Војновић Драгмиу, дипломираном инжењеру геодезије, издавања геодетске лиценце првог реда Крнић Марији, дипломираном инжењеру геодезије, пријема у радни однос Видуловић Милице, мастер инжењера геодезије и промене адресе седишта геодетске организације. Уз захтев је достављено решење Агенције за привредне регистре БД 9810/2020 године од 10.02.2020. године За Војновић Драгмиа, уз захтев, је достављена потврда о поднетој одјави на обавезно социјално осигурање. За Крнић Марију, достављена је копија решења којим је издата геодетска лиценца првог реда број 952-03-27/2020 од 10.02.2020. године. За Видуловић Милицу, достављена је оверена копија дипломе Грађевинског факултета Универзитета у Београду број 680400 од 18.07.2012. године, потврда о поднетој пријави на обавезно социјално осигурање и

очитана лична карта. Поред наведеног, достављени су докази о поседовању геодетских инструмената и уверења о исправности истих.

Увидом у достављено решење утврђено је да је геодетска организација ABA PROFESSIONAL DOO BEOGRAD, променила адресу седишта, па је сходно одредбама члана 18. став 1. тачка 5. Закона о државном премеру и катастру («Службени гласник РС», број 72/09, 18/10, 65/13, 15/15, 96/15, 47/17, 113/17, 27/18 и 41/18), одлучено као у ставу 3. диспозитива овог решења.

Ценећи достављене исправе, утврђено је да су испуњени услови за измену решења сходно одредбама члана 18. став 3. Закона о државном премеру и катастру («Службени гласник РС», бр. 72/09, 18/10, 65/13, 15/15, 96/15, 47/17, 113/17, 27/18 и 41/18), а у вези члана 16. став 1. истог Закона, па је одлучено као у ставу 4. диспозитива овог решења.

Наплаћена је административна такса у износу од 320,00 динара, сходно тарифном бр. 1. Закона о републичким административним таксама, ("Службени гласник РС", бр. 43/03, 51/03, 61/05, 101/05, 5/09, 54/09, 50/11, 70/11, 55/12, 93/12, 47/13, 65/13, 57/14, 45/15, 83/15, 112/15, 50/16, 61/17, 113/17, 3/18, 50/18, 95/18, 38/19, 86/19 и 90/2019) такса за издавање легитимације за идентификацију за новозапослено лице у износу од 1420,00 динара и такса за измену решења којим је издата лиценца за рад у износу од 3290,00 динара, сходно тарифном броју 215ђ Закона о републичким административним таксама ("Службени гласник РС", бр. 43/03, 51/03, 61/05, 101/05, 5/09, 54/09, 50/11, 70/11, 55/12, 93/12, 47/13, 65/13, 57/14, 45/15, 83/15, 112/15, 50/16, 61/17, 113/17, 3/18, 50/18, 95/18, 38/19, 86/19 и 90/2019).

Против овог решења може се изјавити жалба Министарству грађевинарства, саобраћаја и инфраструктуре, у року од 8 дана од дана пријема решења, а преко Републичког геодетског завода у Београду, ул. Булевар Војводе Мишића бр. 39, са доказом о плаћеној републичкој административној такси у износу од 480,00 динара сходно тарифном бр. 6 горе поменутог Закона, на жиро-рачун буџета Републике Србије број 840-742221843-57 са позивом на број 7801640600.

В.Д. ПОМОЋНИКА ДИРЕКТОРА

Анита Божиновић, дипл.инж.геодез.

Доставити:

- ABA PROFESSIONAL DOO BEOGRAD, Београд-Звездара, Хероја Небојше Живанчевића 6 А (office@abapro.rs)
- СКН Звездара (skn.zvezdara@rgz.gov.rs)
- Архиви

РЕПУБЛИКА СРБИЈА
РЕПУБЛИЧКИ ГЕОДЕТСКИ ЗАВОД
број 952-03-252/2020
Дана: 16.10.2020. године
Београд

Републички геодетски завод, решавајући по захтеву PRIVREDNO DRUŠTVO ABA PROFESSIONAL DOO BEOGRAD, у даљем тексту скраћено пословно име, ABA PROFESSIONAL DOO BEOGRAD, Београд-Звездара, Хероја Небојше Живанчевића 6 А, за измену решења којим је издата лиценца за рад, на основу члана 18. став 3. Закона о државном премеру и катастру («Службени гласник РС», број 72/09, 18/10, 65/13, 15/15, 96/15, 47/17, 113/17, 27/18, 41/18 и 9/20) и члана 136. Закона о општем управном поступку («Службени гласник РС», број 18/2016 и 95/2018), доноси

Р Е Ш Е Њ Е

МЕЊА СЕ решење 03 број 952-03-27/2017 од 10.02.2017. године у ставу 2. диспозитива, због престанка радног односа Цветковић Тањи, геометру, Станојевић Немањи, инжењеру геодезије и пријема у радни однос Станушић Марка, геометра, Јаворина Јована, инжењера геодезије и промене стручне спреме Станојевић Јелени, мастер инжењеру геодезије, те став 2. сада гласи:

Станушић Марку, геометру, Јаворина Јовану, инжењеру геодезије и Станојевић Јелени, мастер инжењеру геодезије, запосленима у ABA PROFESSIONAL DOO BEOGRAD, издају се легитимације за идентификацију.

У осталом делу решење 03 број 952-03-27/2017 од 10.02.2017. године, остаје непромењено.

О б р а з л о ж е њ е

Геодетска организација ABA PROFESSIONAL DOO BEOGRAD, поднела је захтев за измену решења 03 број 952-03-27/2017 од 10.02.2017. године, због престанка радног односа Цветковић Тањи, геометру, Станојевић Немањи, инжењеру геодезије и пријема у радни однос Станушић Марка, геометра, Јаворина Јована, инжењера геодезије и промене стручне спреме Станојевић Јелени, мастер инжењеру геодезије. За Цветковић Тању, је достављена потврда о поднетој одјави на обавезно социјално осигурање и легитимација за идентификацију број 2870. За Станојевић Немању, је достављена потврда о поднетој одјави на обавезно социјално осигурање и легитимација за идентификацију број 2878. За Станушић Марка, достављена је оверена копија дипломе Геодетске техничке школе у Београду број 10/20 од 31.08.2020. године, потврда о поднетој пријави на обавезно социјално осигурање и

очитана лична карта. За Јаворина Јована, достављена је оверена копија дипломе Грађевинског факултета Универзитета у Београду број 9172000 од 29.01.2019. године, потврда о поднетој пријави на обавезно социјално осигурање и очитана лична карта. За Станојевић Јелену, достављена је оверена копија уверења Грађевинског факултета Универзитета у Београду број 12156 од 28.02.2020. године, потврда о поднетој пријави на обавезно социјално осигурање, очитана лична карта и легитимација за идентификацију број 2879.

Обзиром да је одредбама члана 16. став 1. Закона о државном премеру и катастру («Службени гласник РС», бр. 72/09, 18/10, 65/13, 15/15, 96/15, 47/17, 113/17, 27/18, 41/18 и 9/20), прописано да лицу геодетске струке запосленом у геодетској организацији, Завод издаје легитимацију за идентификацију, одлучено је као у ставу 2. диспозитива овог решења.

Ценећи достављене исправе, утврђено је да су испуњени услови за измену решења сходно одредбама члана 18. став 3. Закона о државном премеру и катастру («Службени гласник РС», бр. 72/09, 18/10, 65/13, 15/15, 96/15, 47/17, 113/17, 27/18, 41/18 и 9/20), а у вези члана 16. став 1. истог Закона, па је одлучено је као у ставу 3. диспозитива овог решења.

Наплаћена је административна такса у износу од 320,00 динара, сходно тарифном бр. 1. Закона о републичким административним таксама ("Службени гласник РС", бр. 43/03, 51/03, 61/05, 101/05, 5/09, 54/09, 50/11, 70/11, 55/12, 93/12, 47/13, 65/13, 57/14, 45/15, 83/15, 112/15, 50/16, 61/17,113/17, 3/18, 50/18, 95/18, 38/19, 86/19, 90/19 и 98/20), такса за легитимацију за идентификацију за новозапослена лица у геодетској организацији у износу од 4290,00 динара и такса за измену решења којим је издата лиценца за рад у износу од 3310,00 динара, сходно тарифном броју 215ђ Закона о републичким административним таксама ("Службени гласник РС", бр. 43/03, 51/03, 61/05, 101/05, 5/09, 54/09, 50/11, 70/11, 55/12, 93/12, 47/13, 65/13, 57/14, 45/15, 83/15, 112/15, 50/16, 61/17,113/17, 3/18, 50/18, 95/18, 38/19, 86/19, 90/19 и 98/20).

Против овог решења може се изјавити жалба Министарству грађевинарства, саобраћаја и инфраструктуре, у року од 8 дана од дана пријема решења, а преко Републичког геодетског завода у Београду, ул. Булевар Војводе Мишића бр. 39, са доказом о плаћеној републичкој административној такси у износу од 480,00 динара сходно тарифном бр. 6 горе поменутог Закона, на жиро-рачун буџета Републике Србије број 840-742221843-57 са позивом на број 7801640600.

Припремила: Ивана Живановић, дипл.правник

Ivana Živanović
10/16/2020 2:32:24 PM

В.Д. ПОМОЋНИКА ДИРЕКТОРА

Саша Ђуровић, дипл.геод.инж.

Saša Đurović
16.10.2020 15:09:35

Доставити:

- ABA PROFESSIONAL DOO BEOGRAD, Београд-Звездара, Хероја Небојше Живанчевића 6 А (office@abapro.rs)
- СКН Звездара (skn.zvezdara@rgz.gov.rs)
- Архиви

Одштампани примерак оригиналног електронског документа

РЕПУБЛИКА СРБИЈА
РЕПУБЛИЧКИ ГЕОДЕТСКИ ЗАВОД
број 952-03-171/2021
Дана: 10.06.2021. године
Београд

Републички геодетски завод, решавајући по захтеву PRIVREDNO DRUŠTVO ABA PROFESSIONAL DOO BEOGRAD, у даљем тексту скраћено пословно име, ABA PROFESSIONAL DOO BEOGRAD, Београд-Звездара, Хероја Небојше Живанчевића 6 А, за измену решења којим је издата лиценца за рад, на основу члана 18. став 3. Закона о државном премеру и катастру («Службени гласник РС», број 72/09, 18/10, 65/13, 15/15, 96/15, 47/17, 113/17, 27/18, 41/18 и 9/20) и члана 136. Закона о општем управном поступку («Службени гласник РС», број 18/2016 и 95/18), доноси

Р Е Ш Е Њ Е

МЕЊА СЕ решење 03 број 952-03-27/2017 од 10.02.2017. године у ставу 2. диспозитива, због престанка радног односа Јаворина Јовану, инжењеру геодезије, Ђурковић Милошу, струковном инжењеру геодезије, Николић Сањи, геометру и пријема у радни однос Станојевић Немање, мастер инжењера геодезије и Видуловић Мире, дипломираног инжењера геодезије, те став 2. сада гласи:

Станојевић Немањи, мастер инжењеру геодезије и Видуловић Мири, дипломираном инжењеру геодезије, запосленима у геодетској организацији ABA PROFESSIONAL DOO BEOGRAD, издају се легитимације за идентификацију.

У осталом делу решење 03 број 952-03-27/2017 од 10.02.2017. године, остаје непромењено.

О б р а з л о ж е њ е

ABA PROFESSIONAL DOO BEOGRAD, поднела је захтев за измену решења 03 број 952-03-27/2017 од 10.02.2017. године, због престанка радног односа Јаворина Јовану, инжењеру геодезије, Ђурковић Милошу, струковном инжењеру геодезије, Николић Сањи, геометру и пријема у радни однос Станојевић Немање, мастер инжењера геодезије и Видуловић Мире, дипломираног инжењера геодезије. За Јаворина Јована, уз захтев, је достављена потврда о поднетој одјави на обавезно социјално осигурање и легитимација за идентификацију број 3350. За Ђурковић Милоша, уз захтев, је достављена потврда о поднетој одјави на обавезно социјално осигурање и легитимација за идентификацију број 2872. За Николић Сању, уз захтев, је достављена потврда о поднетој одјави на обавезно социјално осигурање и легитимација за идентификацију број 2533. За Станојевић Немању, достављена је оверена копија дипломе Грађевинског факултета Универзитета у Београду број

11461600 од 25.12.2020. године, потврда о поднетој пријави на обавезно социјално осигурање и очитана лична карта. За Видуловић Миру, достављена је оверена копија дипломе Грађевинског факултета Универзитета у Београду број 376 од 08.04.1982. године, потврда о поднетој пријави на обавезно социјално осигурање и очитана лична карта.

Обзиром да је одредбама члана 16. став 1. Закона о државном премеру и катастру («Службени гласник РС», бр. 72/09, 18/10, 65/13, 15/15, 96/15, 47/17, 113/17, 27/18, 41/18 и 9/20), прописано да лицу геодетске струке запосленом у геодетској организацији, Завод издаје легитимацију за идентификацију, одлучено је као у ставу 2. диспозитива овог решења.

Ценећи достављене исправе, утврђено је да су испуњени услови за измену решења сходно одредбама члана 18. став 3. Закона о државном премеру и катастру («Службени гласник РС», бр. 72/09, 18/10, 65/13, 15/15, 96/15, 47/17, 113/17, 27/18, 41/18 и 9/20), а у вези члана 16. став 1. истог Закона, па је одлучено као у ставу 3. диспозитива овог решења.

Наплаћена је административна такса у износу од 320,00 динара, сходно тарифном бр. 1. Закона о републичким административним таксама, ("Службени гласник РС", бр. 43/03, 51/03, 61/05, 101/05, 5/09, 54/09, 50/11, 70/11, 55/12, 93/12, 47/13, 65/13, 57/14, 45/15, 83/15, 112/15, 50/16, 61/17, 113/17, 3/18, 50/18, 95/18, 38/19, 86/19, 90/19, 98/20 и 144/20) такса за издавање легитимација за идентификацију за новозапослена лица у износу од 2860,00 динара и такса за измену решења којим је издата лиценца за рад у износу од 3310,00 динара, сходно тарифном броју 215ђ Закона о републичким административним таксама ("Службени гласник РС", бр. 43/03, 51/03, 61/05, 101/05, 5/09, 54/09, 50/11, 70/11, 55/12, 93/12, 47/13, 65/13, 57/14, 45/15, 83/15, 112/15, 50/16, 61/17, 113/17, 3/18, 50/18, 95/18, 38/19, 86/19, 90/19, 98/20 и 144/20).

Против овог решења може се изјавити жалба Министарству грађевинарства, саобраћаја и инфраструктуре, у року од 8 дана од дана пријема решења, а преко Републичког геодетског завода у Београду, ул. Булевар Војводе Мишића бр. 39, са доказом о плаћеној републичкој административној такси у износу од 480,00 динара сходно тарифном бр. 6 горе поменутог Закона, на жиро-рачун буџета Републике Србије број 840-742221843-57 са позивом на број 7801640600.

В.Д. ПОМОЋНИКА ДИРЕКТОРА

Саша Ђуровић, дипл.геод.инж.

Доставити:

- ABA PROFESSIONAL DOO BEOGRAD, Београд-Звездара, Хероја Небојше Живанчевића 6 А (office@abapro.rs)
- СКН Звездара (skn.zvezdara@rgz.gov.rs)
- Архиви

РЕПУБЛИКА СРБИЈА

РЕПУБЛИЧКИ ГЕОДЕТСКИ ЗАВОД

број 952-03-81/2022-1

Дана: 07.03.2022-1 године

Београд

Републички геодетски завод, решавајући по захтеву геодетске организације PRIVREDNO DRUŠTVO ABA PROFESSIONAL DOO BEOGRAD Хероја Небојше Живанчевића 6а - Београд, за измену решења којим је издата лиценца за рад, на основу члана 18. став 3. Закона о државном премеру и катастру («Службени гласник РС», број 72/09, 18/10, 65/13, 15/15, 96/15, 47/17, 113/17, 27/18, 41/18 и 9/20) и члана 136. Закона о општем управном поступку («Службени гласник РС», број 18/2016 и 95/18), доноси:

Р Е Ш Е Њ Е

МЕЊА СЕ решење 03 број 952-03-27/2017 од 10.02.2017 године у ставу 2. диспозитива, због пријема у радни однос Брковић Марјана, геометра, Санднер Стефана, геометра, те став 2. сада гласи:

Брковић Марјану, геометру, Санднер Стефану, геометру, запосленима у геодетсој организацији ABA PROFESSIONAL DOO BEOGRAD, издају се легитимације за идентификацију.

У осталом делу решење 03 број 952-03-27/2017 од 10.02.2017 године, остаје непромењено.

О б р а з л о ж е њ е

Геодетска организација ABA PROFESSIONAL DOO BEOGRAD, поднела је Републичком геодетском заводу захтев за измену решења број 952-03-27/2017 од 10.02.2017 године, због пријема у радни однос Брковић Марјана, геометра, Санднер Стефана, геометра.

Уз захтев је достављена следећа документација:

- за Брковић Марјана, Диплома Шумарске школе, очитана лична карта, пријава на обавезно социјално осигурање.

- за Санднер Стефана, Диплома Геодетско-техничке школе, очитана лична карта, пријава на обавезно социјално осигурање.

Увидом у регистар геодетских лиценци, утврђено је да, Видуловић Мири дипломираном геодетском инжењеру издата геодетска лиценца првог реда решењем бр. 952-03-309/2021 од 04.10.2022. године.

Обзиром да је одредбама члана 16. став 1. Закона о државном премеру и катастру («Службени гласник РС», бр. 72/09, 18/10, 65/13, 15/15, 96/15, 47/17, 113/17, 27/18, 41/18 и 9/20), прописано да лицу геодетске струке запосленом у геодетској организацији, Завод издаје легитимацију за идентификацију, одлучено је као у ставу 2. диспозитива овог решења.

Ценећи достављене исправе, утврђено је да су испуњени услови за измену решења сходно одредбама члана 18. став 3. Закона о државном премеру и катастру («Службени гласник РС», бр. 72/09, 18/10, 65/13, 15/15 и 96/15, 47/17 и 113/17, 27/18, 41/18 и 9/20), а у вези члана 16. став 1. истог Закона, па је одлучено је као у ставу 3. диспозитива овог решења.

Наплаћена је административна такса у износу од 330,00 динара, сходно тарифном бр. 1. Закона о републичким административним таксама ("Службени гласник РС", бр. 43/03, 51/03, 61/05, 101/05, 5/09, 54/09, 50/11, 70/11, 55/12, 93/12, 47/13, 65/13, 57/14, 45/15, 83/15, 112/15, 50/16, 61/17, 113/17, 3/18, 50/18, 95/18, 38/19, 86/19, 90/19, 98/20 и 144/20), такса за измену решења којим је издата лиценца за рад у износу од 3.400,00 динара и такса за издавање легитимација за новозапослена лица у износу од 1.470,00 динара, сходно тарифном броју 215ђ Закона о републичким административним таксама ("Службени гласник РС", бр. 43/03, 51/03, 61/05, 101/05, 5/09, 54/09, 50/11, 70/11, 55/12, 93/12, 47/13, 65/13, 57/14, 45/15, 83/15, 112/15, 50/16, 61/17, 113/17, 3/18, 50/18, 95/18, 38/19, 86/19, 90/19, 98/20 и 144/20).

Против овог решења може се изјавити жалба Министарству грађевинарства, саобраћаја и инфраструктуре, у року од 8 дана од дана пријема решења, а преко Републичког геодетског завода у Београду, Булевар војводе Мишића бр. 39, са доказом о плаћеној републичкој административној такси у износу од 490,00 динара сходно тарифном бр. 6 горе поменутог Закона, на жиро-рачун пореске управе Београд број 840-742221843-57 са позивом на број 650164060018646654.

Припремила: Анђела Пауновић, дипл.правник

Парафирала: Биљана Мартиненко, дипл.геод.инж.

АНЂЕЛА ПАУНОВИЋ 010634495 Auth

В.Д. ПОМОЋНИКА ДИРЕКТОРА

РЕПУБЛИКА СРБИЈА РЕПУБЛИЧКИ ГЕОДЕТСКИ ЗАВОД БЕОГРАД

Саша Ђуровић, дипл.геод.инж.

Доставити:

- ABA PROFESSIONAL DOO BEOGRAD, Хероја Небојше Живанчевића 6а - Београд (office@abapro.rs)

- СКН Звездара, skn.zvezdara@rgz.gov.rs

- Архиви

РЕПУБЛИКА СРБИЈА

РЕПУБЛИЧКИ ГЕОДЕТСКИ ЗАВОД

ЛИЦЕНЦА ЗА РАД

Решењем Републичког геодетског завода 03 број 952-03-40/2010-5 од 05. новембра 2013. године утврђено је да

АВА-GEODETSKA KUĆA DOO,
Београд
МБ 20609737

испуњава услове за обављање следећих геодетских радова:

- израда техничке документације и стручни надзор над извођењем геодетских радова за које је предвиђена израда главног пројекта;
- извођење геодетских радова за које је предвиђена израда главног пројекта;
- извођење геодетских радова у поступку одржавања катастра непокретности и одржавања катастра водова;
- израда геодетских подлога у инжењерско-техничким областима за које се не израђује главни пројекат;
- израда пројеката геодетског обележавања у области урбанистичког планирања;
- реализација пројеката геодетског обележавања у области урбанистичког планирања.

Број лиценце

03 0558 13

РЕПУБЛИКА СРБИЈА РЕПУБЛИЧКИ ГЕОДЕТСКИ ЗАВОД БЕОГРАД

ДИРЕКТОР

Зоран Крејовић, дипл. геод. инж.

У Београду,
05. новембар 2013. године

РЕПУБЛИКА СРБИЈА

РЕПУБЛИЧКИ ГЕОДЕТСКИ ЗАВОД

ГЕОДЕТСКА ЛИЦЕНЦА

првог реда

Решењем Републичког геодетског завода 03 број

952-03-38/2010 од 13. априла 2010. године

утврђено је да је

Љубиша Б. Видуловић

дипломирани геодетски инжењер

ЈМБГ 0408956753316

ималац геодетске лиценце првог реда

Број

01 0033 10

РЕПУБЛИКА СРБИЈА * РЕПУБЛИЧКИ ГЕОДЕТСКИ ЗАВОД * БЕОГРАД

ДИРЕКТОР

Ненад Теола

Ненад Теола, дипл.геод.инж.

У Београду,

01. октобар 2010. године

РЕПУБЛИКА СРБИЈА
РЕПУБЛИЧКИ ГЕОДЕТСКИ ЗАВОД
03 број 952-03-38/2010
Дана: 13.04.2010. године
Београд

Републички геодетски завод, помоћник директора Сектора за стручни и управни надзор, по овлашћењу 07 број 112-23/2010-4 од 05.03.2010. године, решавајући по захтеву Видуловић Љубише из Београда, ул. Франца Јанкеа бр. 5, за издавање геодетске лиценце првог реда, на основу члана 14. став 4. Закона о државном премеру и катастру («Службени гласник РС», број 72/09) и члана 192. Закона о општем управном поступку («Службени лист СРЈ», бр. 33/97 и 31/01), доноси

Р Е Ш Е Њ Е

ИЗДАЈЕ СЕ Видуловић Љубиши, дипл.геод.инж. из Београда, геодетска лиценца првог реда.

О б р а з л о ж е њ е

Видуловић Љубиша из Београда, поднео је Републичком геодетском заводу захтев за издавање геодетске лиценце првог реда. Уз захтев је доставио диплому Грађевинског факултета у Београду о стеченом високом образовању и стручном називу дипломирани геодетски инжењер, уверење о положеном стручном испиту бр. 152-718/85-12 од 01.10.1985. године, потврду о радном стажу као и фотокопију радне књижице.

Републички геодетски завод је ценио достављене исправе и нашао да Видуловић Љубиша, дипл.геод.инж., испуњава услове прописане одредбама члана 15. став 1. Закона о државном премеру и катастру, за издавање геодетске лиценце првог реда, која лиценца омогућује обављање послова одговорног пројектанта, руковођења и стручног надзора над извођењем геодетских радова за које је овим законом предвиђена израда главног пројекта, извођења тих радова, као и израде пројекта геодетског обележавања у области урбанистичког планирања, као и обављање послова за које је Законом о државном премеру и катастру предвиђена геодетска лиценца другог реда.

Наплаћена је административна такса у износу од 550,00 динара сходно тарифном бр. 1. и 9. Закона о републичким административним таксама ("Службени гласник РС", бр. 43/03, 53/04, 42/05, 42/06, 47/07, 54/08, 5/09 и 54/09), као и накнада за издавање геодетске лиценце у износу од 7976,10 динара сходно тарифном броју 23б Уредбе о изменама и допунама Уредбе о висини накнаде за коришћење података премера и катастра и пружање услуга Републичког геодетског завода («Службени гласник РС», број 45/02,15/2010).

Против овог решења може се изјавити жалба Министарству животне средине и просторног планирања, у року од 8 дана од дана пријема решења, а преко Републичког геодетског завода у Београду, ул. Булевар Војводе Мишића бр. 39, са доказом о плаћеној републичкој административној такси у износу од 300,00 динара сходно тарифном бр. 6 горе поменутог Закона, на жиро-рачун пореске управе Београд број 840-742221843-57 са позивом на број 97 30016692785.

ПОМОЋНИК ДИРЕКТОРА

Мр Стојанка Бранковић, дипл.геод.инж.

Доставити:

- Видуловић Љубиши, Београд, ул. Франца Јанкеа бр. 5
- Архиви

Дана: 14.04.2010.

ИНЖЕЊЕРСКА КОМОРА СРБИЈЕ

ЛИЦЕНЦА

ОДГОВОРНОГ ИЗВОЂАЧА РАДОВА

На основу Закона о планирању и изградњи и
Статута Инжењерске коморе Србије

УПРАВНИ ОДБОР ИНЖЕЊЕРСКЕ КОМОРЕ СРБИЈЕ
утврђује да је

Љубиша Б. Видуловић

дипломирани инжењер геодезије
ЈМБ 0408956753316

одговорни извођач радова

геодетских радова

Број лиценце
471 5693 04

У Београду,
25. марта 2004 године

ПРЕДСЕДНИК КОМОРЕ
Милош Лазовић
Проф. др Милош Лазовић
дипл. грађ. инж.

Број: 02-12/2024-6805
Београд, 19.03.2024. године

На основу члана 14. Статута Инжењерске коморе Србије ("СГ РС", бр. 36/19), а на лични захтев члана Коморе, Инжењерска комора Србије издаје

П О Т В Р Д У

Којом се потврђује да је Љубиша Б. Видуловић, дипл. инж. геод.
лиценца број

471 5693 04

Одговорни извођач геодетских радова

на дан издавања ове потврде члан Инжењерске коморе Србије, да је измирио обавезу плаћања чланарине Комори за текућу годину, односно до 25.03.2025. године, као и да му није изречена мера пред Судом части Инжењерске коморе Србије

М.П.

Председник Управног одбора
Инжењерске коморе Србије

Михајло Мишић, дипл. грађ. инж.

2. TEKSTUALNA DOKUMENTACIJA

2.1 Postojeća geodetska osnova

Za potrebe izrade tehničke dokumentacije projekta rekonstrukcije, modernizacije i izgradnje dvokolosečne pruge Beograd – Stara Pazova – Novi Sad – Subotica – državna granica, deonica Novi Sad – Subotica – državna granica, km 76+501,42 – km 184+635,07, uspostavljena je geodetska mreža (GM) sa koje će se vršiti snimanje i ostali geodetsko tehnički radovi. Geodetske radove na uspostavljanju GM izvršio je saobraćajni institut CIP tokom 2017. i 2018. godine.

Imajući u vidu namenu GM i predviđene metode snimanja i obeležavanja uspostavljena je GM čije su osnovne karakteristike:

- Geodetska mreža je oblika osnovnog operativnog poligona
- Međusobno rastojanje tačaka GM iznosi oko 500m
- Geodetska mreža se proteže u dužini od 108 km
- Lokacije tačaka pogodne su za primenu terestričkih geodetskih metoda merenja kao i za korišćenje GPS tehnologije
- Realizacija GM u položajnomm smislu sprovedena je GPS tehnologijom relativnog statičkog pozicioniranja
- Položajna transformacija koordinata tačaka u državni koordinatni sistem sprovedena je Helmertovom transformacijom sličnosti korišćenjem parametara transformacije
- Realizacija GM u visinskom smislu sprovedena je metodom geometrijskog nivelmana
- Datumska definicija geodetske mreže u visinskom smislu realizovana je sa visinama repera na predmetnom području

2.2 Datumska transformacija u državni koordinatni sistem

Rezultati dobijeni GPS pozicioniranjem odnose se na globalni geocentrični referentni sistem WGS84, dok se državni premer izvodi i izražava u državnom referentnom sistemu koji se od WGS84 razlikuje po položaju, orijentaciji i razmeri. Transformacioni parametri određeni su prilikom realizacije GM železničke pruke Novi Sad – Subotica – državna granica. Datumska transformacija u državni koordinatni sistem izvršena je Helmertovom sedmoparametarskom transformacijom sličnosti. Transformacioni parametri ocenjeni su na osnovi 36 trigonometrijskih tačaka, sa koordinatama izraženim u važećem državnom i WGS84 sistemu.

ПАРАМЕТРИ ХЕЛМЕРТОВЕ ТРАНСФОРМАЦИЈЕ

t_X	=	-472.9947 m	σ_{t_X}	=	8.9210 m
t_Y	=	-155.2273 m	σ_{t_Y}	=	18.1445 m
t_Z	=	-361.0456 m	σ_{t_Z}	=	3.4750 m
ε_X	=	6.77348 "	σ_{ε_X}	=	0.41155 "
ε_Y	=	1.49876 "	σ_{ε_Y}	=	0.25347 "
ε_Z	=	-11.65833 "	σ_{ε_Z}	=	0.45617 "
dm	=	-22.4796 ppm	σ_{dm}	=	0.4583 ppm

2.3 Namena i koncept geodetske mreže puge (GMP)

GMP predstavlja geometrijski okvir za geodetsko obeležavanje projektovane geometrije gornjeg stroja pruge, snimanje izvedenog stanja i ostale geodetsko tehničke radove. Potreba za projektom i realizacijom GMP proistekla je iz činjenice da raspored, gustina, tip stabilizacije i tačnost koordinata tačaka geodetske mreže realizovane u okviru idejnog projekta ne ispunjavaju u potpunosti potrebe svih nabrojanih radova.

Imajući u vidu oblik radilišta, njegove geografske karakteristike i postavljene kriterijume tačnosti snimanja i obeležavanja, potrebno je uspostaviti geodetsku mrežu koja će ispuniti sledeće uslove:

- Tačke geodetske mreže moraju da formiraju zatvorenu figuru
- S obzirom da mreža treba da zadovoljava više namena, potrebno je da njena tačnost odgovara za sve nabrojane radove
- Stabilizacija GMP mora obezbediti stabilnost i dugotrajnost GMP
- Mreža mora da ispuni uslov da se svaka tačka objekta može obeležiti i kontrolisati sa najmanje dve tačke geodetske mreže
- Lokacije tačaka moraju biti dovoljno blizu budućeg radilišta i istovremeno obezbeđene od uništenja
- Koncept GMP podrazumeva da plan merenja i tačnost merenja moraju da obezbede tačnost ocena položaja tačaka mreže, u horizontalnom i visinskom smislu, koja će omogućiti obeležavanje i snimanje sa zahtevanom tačnošću.
- Geodetska mreža pruge je u geometrijskom obliku lanca geodetskih trouglova pri čemu su položaji tačaka projektovani obostrano u odnosu na osovimu pruge.

2.4 Rekognosciranje, otkrivanje i stabilizacija tačaka

Rekognosciranje, odnosno izbor lokacije za stabilizaciju i progušćenje tačaka geodetske mreže pruge izvršen je od strane SHANGDONG LUQIAO GROUP CO. LTD OGRANAK BEOGRAD, pri čemu se nastojalo da pozicija tačaka odgovara predviđenoj poziciji iz projekta geodetskih radova.

Stabilizacija tačaka geodetske mreže pruge izvršena je betoniranjem tačaka i ugradnjom bolcne u vrh prema instrukciji iz projekta geodetskih radova.

Stabilizacija tačala obnovljene geodetske mreže izvršena je ugradnjom vertikalnih repera u stubove kontaktne mreže i stubove zatezača kontaktne mreže.

3. NUMERIČKA DOKUMENTACIJA

3.1 Spisak koordinata i visina tačaka geodetske osnove objekta

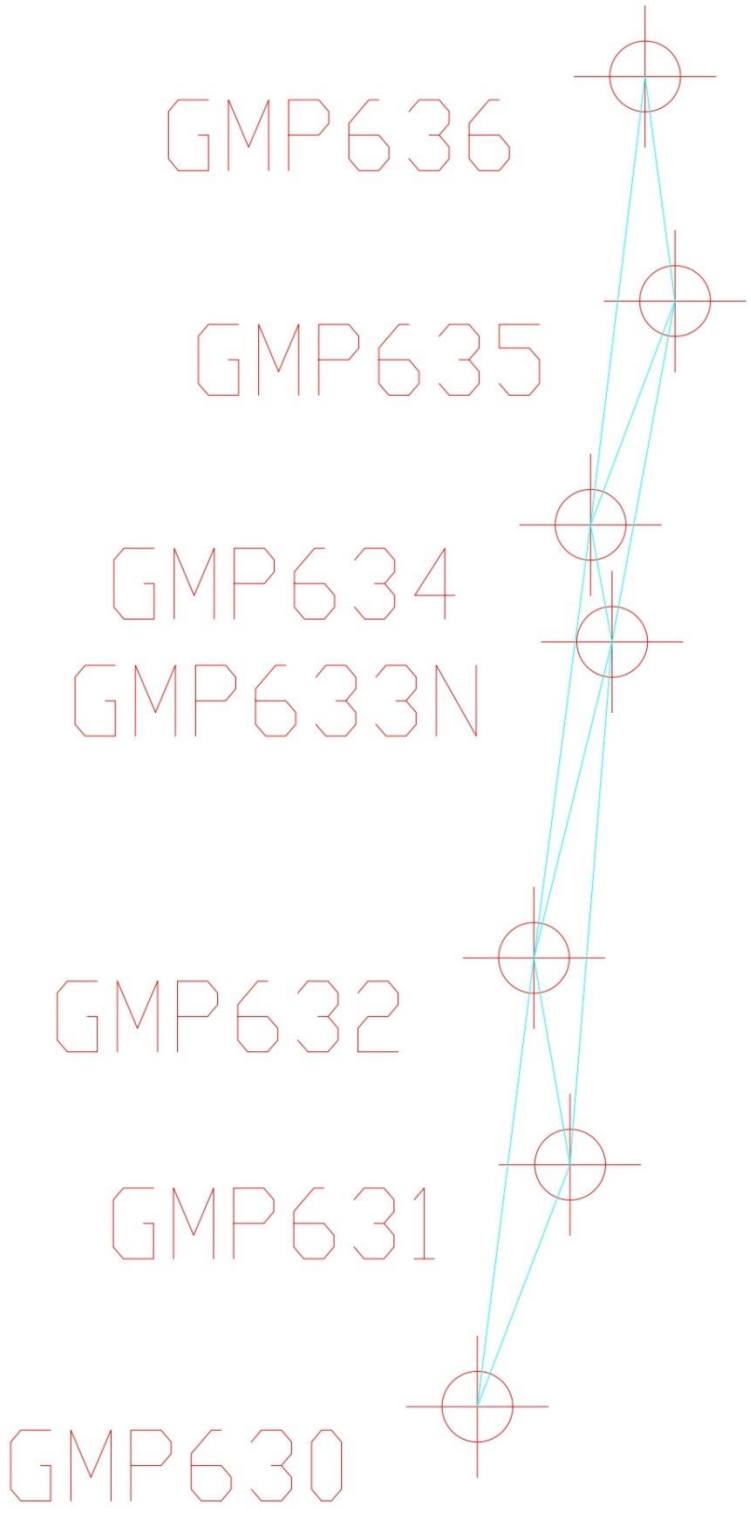
U tabeli 3.1 nalazi se prikazan spisak koordinata i visina geodetske osnove

Broj tačke	Y	X	h
GMP630	7397536.2842	5092354.4410	107.6926
GMP631	7397588.6377	5092491.3405	108.2558
GMP632	7397568.2496	5092608.3437	108.1704
GMP634	7397600.3022	5092853.1866	108.4037
GMP635	7397648.0546	5092979.7514	107.6874
GMP636	7397631.0596	5093106.7861	106.9304
GMP644	7397740.2265	5094115.5862	105.9041
GMP645	7397806.4529	5094233.4739	107.5647
GMP646	7397784.5246	5094401.3777	107.5950
GMP667	7398198.7675	5097279.5156	108.5531
GMP668	7398167.8113	5097465.9090	108.6522
GMP669	7398233.4030	5097598.5860	108.8432
GMP670	7398192.8126	5097679.6996	108.7310
GMP671	7398261.3284	5097841.3166	108.8262
GMP672	7398230.0193	5097953.1586	108.8556
GMP683	7398460.2655	5099468.3638	109.6799
GMP684	7398432.0972	5099639.4448	110.8249
GMP685	7398508.0059	5099804.5426	109.8983
GMP688	7398502.8203	5100146.4934	109.9259
GMP689	7398557.6419	5100297.9263	109.7996
GMP690	7398534.7344	5100390.7392	110.1981
GMP695	7398845.4133	5101310.0550	110.9052
GMP696	7398958.2009	5101397.6153	110.2102
GMP697	7398991.9096	5101505.8230	111.0653
GMP700	7399291.0683	5101787.3561	110.2942
GMP701	7399355.9848	5101941.4418	109.9349
GMP702	7399453.9862	5101978.2516	110.1253
GMP715	7400046.0396	5104118.5752	107.5852
GMP716	7399954.6158	5104267.2727	108.3334
GMP717	7399937.4098	5104392.1080	107.8227
GMP720	7399675.7433	5104657.9714	105.1000
GMP721	7399615.9900	5104804.2040	106.9574
GMP722	7399470.4511	5104883.5586	106.3354
GMP759	7397213.6560	5108772.6286	117.4166
GMP760	7397224.0566	5108871.2700	117.3114
GMP766	7397001.3323	5109588.2183	122.4321
GMP767	7396922.1495	5109718.8689	122.9467
GMP768	7396919.6730	5109846.4358	123.7243
GMP788	7395814.7323	5112869.2954	127.5444
GMP789	7395828.7461	5112989.7892	127.0871
GMP790	7395694.3491	5113092.8165	127.8867
GMP796	7395309.8713	5113788.3552	126.4110

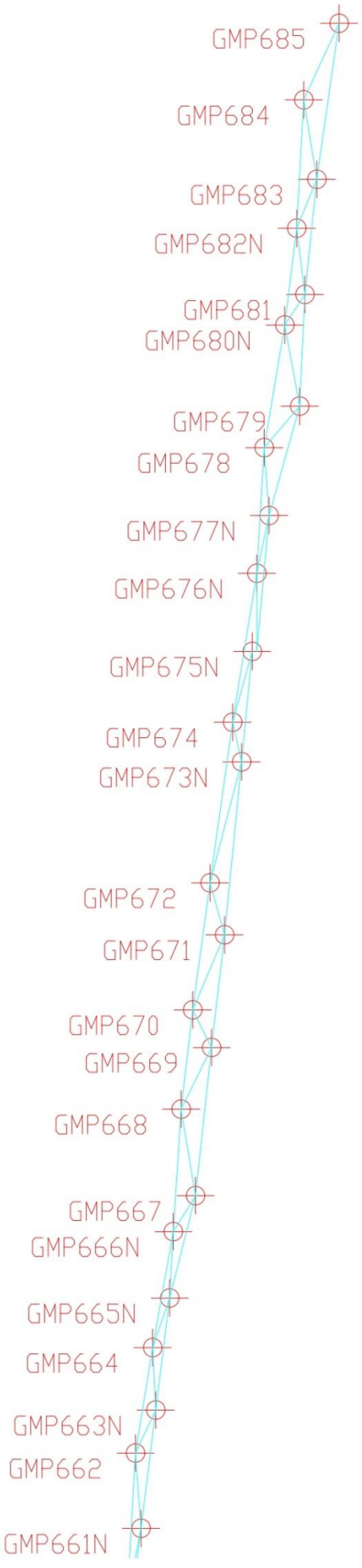
GMP797	7395272.4090	5113961.7237	126.8853
GMP798	7395190.3224	5114003.9300	127.3236
GMP800	7395072.6540	5114221.5371	126.9210
GMP801	7395052.2851	5114349.1656	126.8639
GMP802	7394859.1959	5114681.0024	126.9873

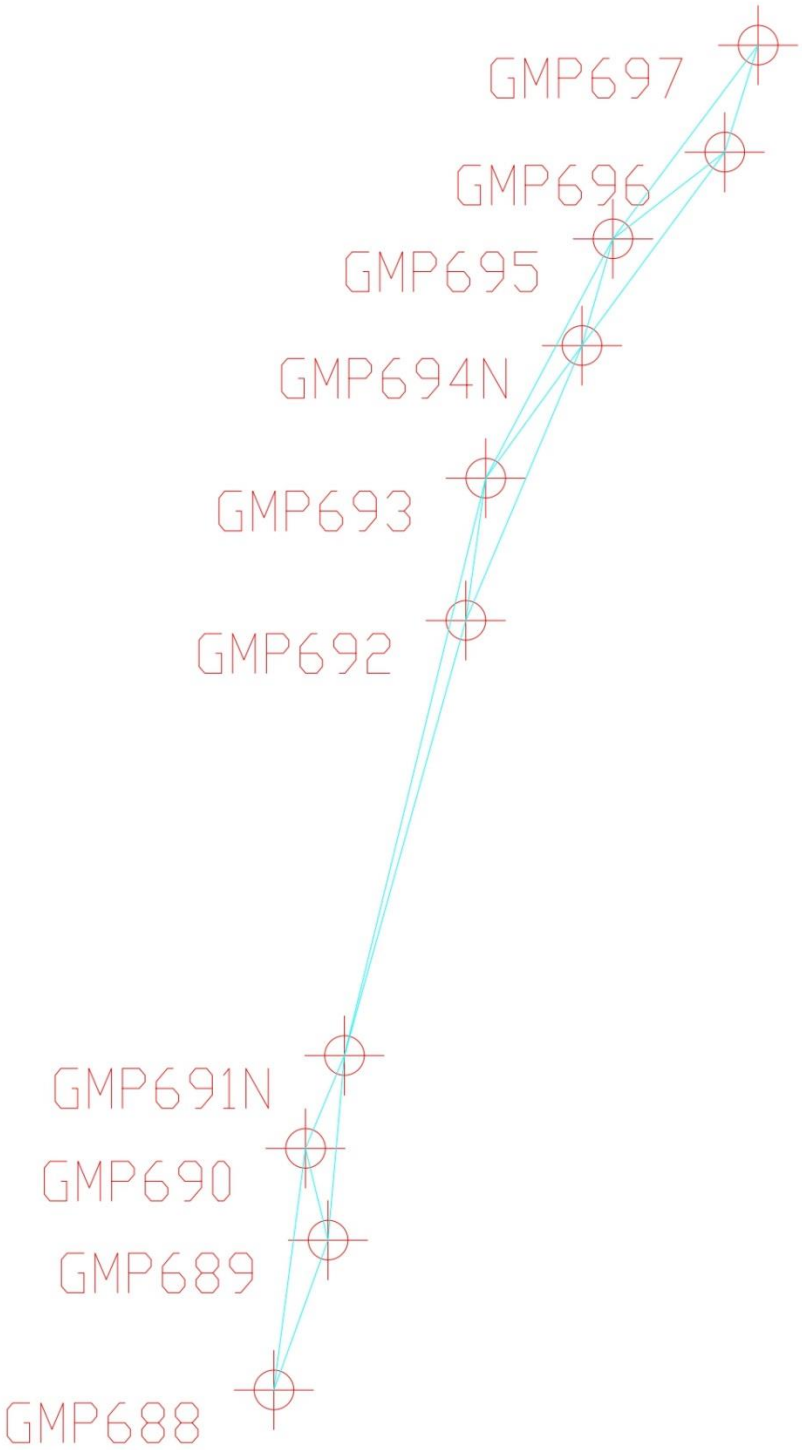
Tabela 3.1 Spisak koordinata i visina tačaka geodetske osnove objekta

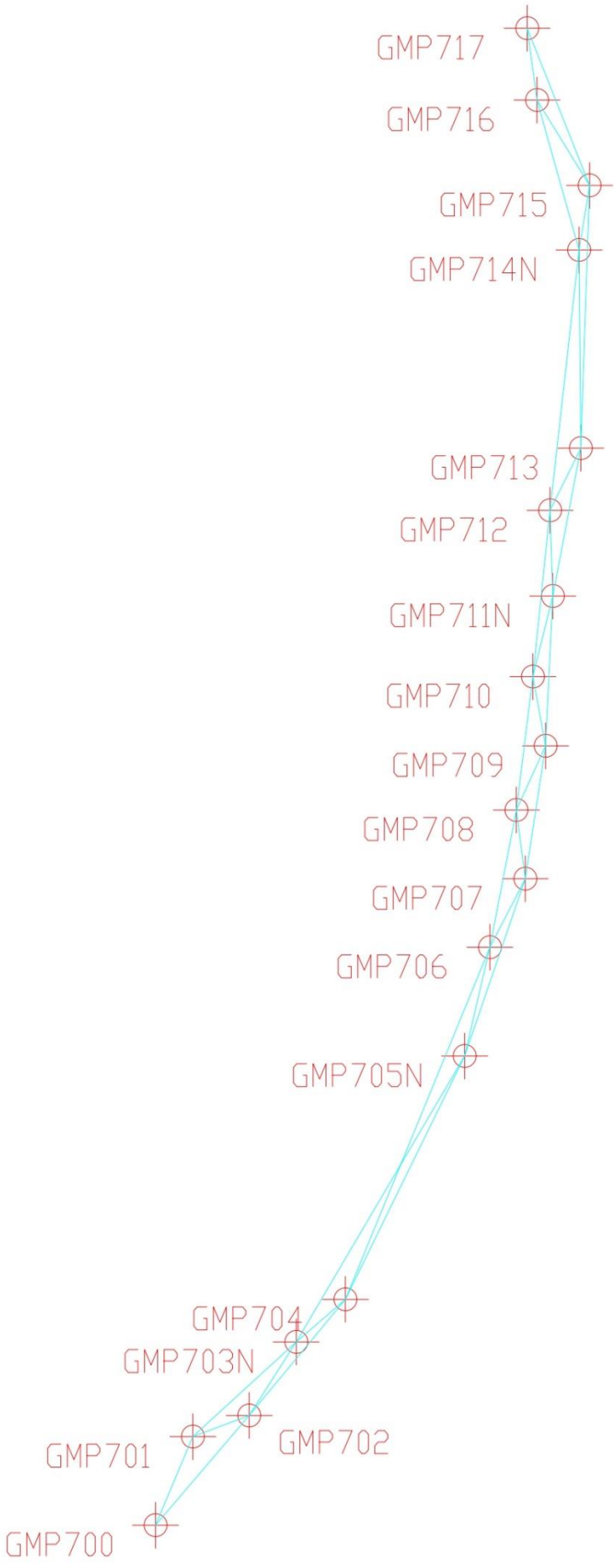
4. PLAN GPS MERENJA U 2D MREŽI

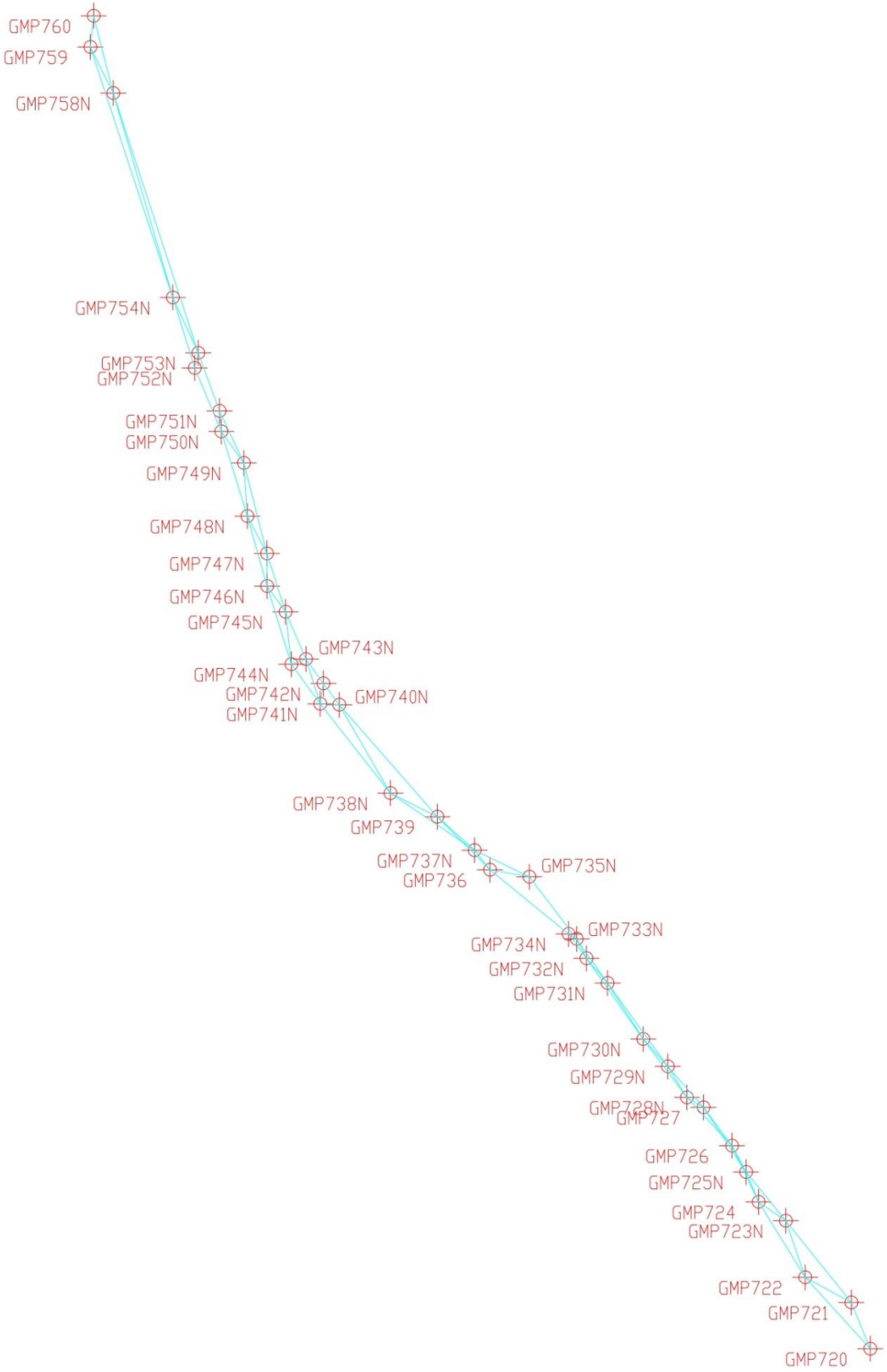

GMP636
GMP635
GMP634
GMP633N
GMP632
GMP631
GMP630

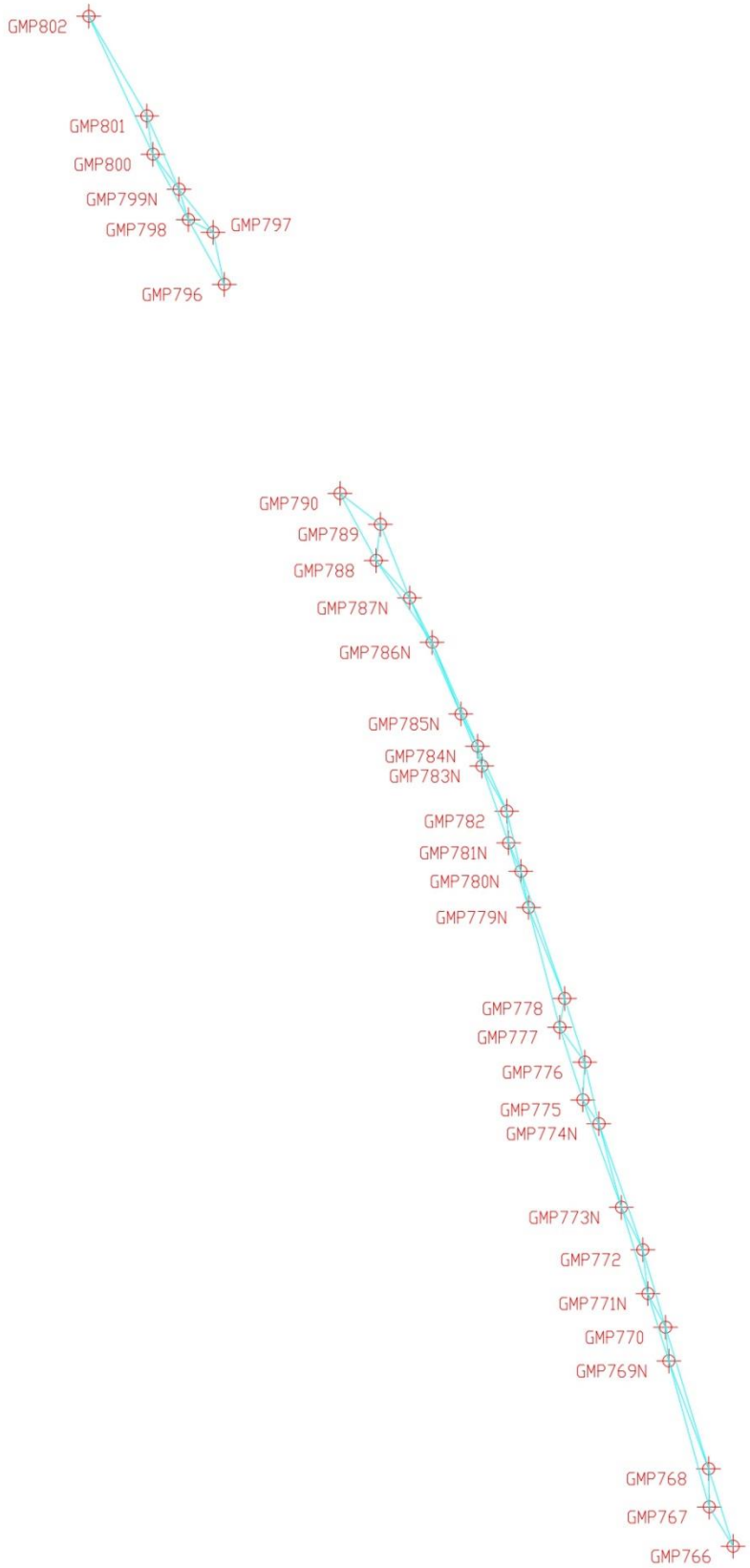
GMP661N
GMP660N
GMP659N
GMP658N
GMP657
GMP656
GMP655N
GMP654
GMP653
GMP652
GMP651N
GMP650
GMP649N
GMP648
GMP647N
GMP646
GMP645
GMP644


GMP685
GMP684
GMP683
GMP682N
GMP681
GMP680N
GMP679
GMP678
GMP677N
GMP676N
GMP675N
GMP674
GMP673N
GMP672
GMP671
GMP670
GMP669
GMP668
GMP667
GMP666N
GMP665N
GMP664
GMP663N
GMP662
GMP661N


GMP697
GMP696
GMP695
GMP694N
GMP693
GMP692
GMP691N
GMP690
GMP689
GMP688


GMP717
GMP716
GMP715
GMP714N
GMP713
GMP712
GMP711N
GMP710
GMP709
GMP708
GMP707
GMP706
GMP705N
GMP704
GMP703N
GMP701
GMP702
GMP700


GMP760
GMP759
GMP758N
GMP754N
GMP753N
GMP752N
GMP751N
GMP750N
GMP749N
GMP748N
GMP747N
GMP746N
GMP745N
GMP743N
GMP744N
GMP742N
GMP741N
GMP740N
GMP738N
GMP739
GMP737N
GMP736
GMP735N
GMP733N
GMP734N
GMP732N
GMP731N
GMP730N
GMP729N
GMP728N
GMP727
GMP726
GMP725N
GMP724
GMP723N
GMP722
GMP721
GMP720


GMP802
GMP801
GMP800
GMP799N
GMP798
GMP797
GMP796
GMP790
GMP789
GMP788
GMP787N
GMP786N
GMP785N
GMP784N
GMP783N
GMP782
GMP781N
GMP780N
GMP779N
GMP778
GMP777
GMP776
GMP775
GMP774N
GMP773N
GMP772
GMP771N
GMP770
GMP769N
GMP768
GMP767
GMP766

5. IZVEŠTAJ MERENJA GNSS VEKTORA

Leica Geosystems AG
Heinrich Wild Strasse
CH-9435 Heerbrugg
St. Gallen, Switzerland

Phone: + 41 71 727 3131
Fax: + 41 71 727 4674

- when it has to be right

GNSS Intervals

Report created: 13.03.2024 13:50:35

Project Details

General		Customer Details		Master Coordinate System	
Project Name:	PRUGA_KARIN KOMERC	Customer Name:	-	Coordinate System Name:	0448 NS-Sub
Owner:	-	Contact Person:	-	Transformation Type:	Classical 3D
Lead Surveyor:	-	Number:	-	Residual Distribution:	None
Date Created:	03.03.2024 12:30:22	Email:	-	Ellipsoid:	Bessel
Last Accessed:	13.03.2024 13:49:30	Skype:	-	Projection Type:	Transverse Mercator
Application Software:	Infinity 4.0.0	Website:	-	Geoid Model:	-
				CSCS Model:	-

Path: C:\Users\TOP-PC\Documents\Leica Geosystems\Infinity\Projects\PRUGA_KARIN KOMERC\PRUGA_KARIN KOMERC.iprj
Size: 207.5 MB
Comments: -

Summary

Point Id	Use	Occupation Mode	Start Time	End Time	Duration	Antenna IGS Name	Receiver Name
2888415_20240223_101732000 (GMP644 ← GMP651N)	-	Static	23.02.2024 10:17:32	23.02.2024 13:25:22	03:07:50	LEIGS08PLUS	LEICA GS08plus
2883683_20240223_102757000 (GMP646 ← GMP652)	-	Static	23.02.2024 10:27:57	23.02.2024 13:25:12	02:57:15	LEIGS08PLUS	LEICA GS08plus
GMP645	-	Static	23.02.2024 10:29:22	23.02.2024 11:27:17	00:57:55	LEIGS08PLUS	LEICA GS08plus
GMP647N	-	Static	23.02.2024 10:36:52	23.02.2024 12:25:02	01:48:10	LEIGS08PLUS	LEICA GS08plus
GMP648	-	Static	23.02.2024 10:41:50	23.02.2024 12:25:19	01:43:29	LEIGS16	LEICA GS16
GMP650	-	Static	23.02.2024 11:35:22	23.02.2024 13:25:17	01:49:55	LEIGS08PLUS	LEICA GS08plus
GMP653	-	Static	23.02.2024 12:34:50	23.02.2024 14:49:19	02:14:29	LEIGS16	LEICA GS16
GMP654	-	Static	23.02.2024 12:39:27	23.02.2024 14:45:27	02:06:00	LEIGS15	LEICA GS15
GMP655N	-	Static	23.02.2024 13:40:17	23.02.2024 14:38:47	00:58:30	LEIGS08PLUS	LEICA GS08plus
GMP656	-	Static	23.02.2024 13:42:17	23.02.2024 14:31:12	00:48:55	LEIGS08PLUS	LEICA GS08plus
GMP657	-	Static	23.02.2024 13:46:02	23.02.2024 14:36:02	00:50:00	LEIGS08PLUS	LEICA GS08plus
2883683_20240226_080337000 (GMP630 ← GMP658N)	-	Static	26.02.2024 08:03:37	26.02.2024 11:40:07	03:36:30	LEIGS08PLUS	LEICA GS08plus
GMP631	-	Static	26.02.2024 08:07:57	26.02.2024 09:08:02	01:00:05	LEIGS08PLUS	LEICA GS08plus
2887103_20240226_081127000 (GMP632 ← GMP657)	-	Static	26.02.2024 08:11:27	26.02.2024 11:41:42	03:30:15	LEIGS08PLUS	LEICA GS08plus
GMP633N	-	Static	26.02.2024 08:14:17	26.02.2024 10:14:37	02:00:20	LEIGS15	LEICA GS15
GMP634	-	Static	26.02.2024 08:21:49	26.02.2024 10:20:08	01:58:19	LEIGS16	LEICA GS16
2886436_20240226_103952000 (GMP656 ← GMP663N)	-	Static	26.02.2024 10:39:52	26.02.2024 13:46:07	03:06:15	LEIGS08PLUS	LEICA GS08plus
GMP659N	-	Static	26.02.2024 10:49:15	26.02.2024 12:46:03	01:56:48	LEIGS15	LEICA GS15
GMP660N	-	Static	26.02.2024 10:53:49	26.02.2024 12:45:11	01:51:22	LEIGS16	LEICA GS16
GMP661N	-	Static	26.02.2024 11:51:07	26.02.2024 12:45:07	00:54:00	LEIGS08PLUS	LEICA GS08plus
GMP662	-	Static	26.02.2024 11:52:27	26.02.2024 13:46:07	01:53:40	LEIGS08PLUS	LEICA GS08plus
			26.02.2024	26.02.2024			

GMP664	-	Static	12:53:42	13:46:12	00:52:30	LEIGS08PLUS	LEICA GS08plus
GMP665N	-	Static	26.02.2024 12:59:22	26.02.2024 14:46:27	01:47:05	LEIGS15	LEICA GS15
GMP666N	-	Static	26.02.2024 13:00:55	26.02.2024 14:49:54	01:48:59	LEIGS16	LEICA GS16
GMP667	-	Static	26.02.2024 13:56:17	26.02.2024 14:50:57	00:54:40	LEIGS08PLUS	LEICA GS08plus
GMP668	-	Static	26.02.2024 14:02:02	26.02.2024 14:54:12	00:52:10	LEIGS08PLUS	LEICA GS08plus
GMP669	-	Static	26.02.2024 14:03:12	26.02.2024 14:56:37	00:53:25	LEIGS08PLUS	LEICA GS08plus
2887103_20240227_075047000 (GMP670 ← GMP679)	-	Static	27.02.2024 07:50:47	27.02.2024 13:15:32	05:24:45	LEIGS08PLUS	LEICA GS08plus
GMP671	-	Static	27.02.2024 07:58:57	27.02.2024 09:00:02	01:01:05	LEIGS08PLUS	LEICA GS08plus
2886436_20240227_075916999 (GMP672 ← GMP678)	-	Static	27.02.2024 07:59:17	27.02.2024 13:15:17	05:16:00	LEIGS08PLUS	LEICA GS08plus
GMP673N	-	Static	27.02.2024 08:08:53	27.02.2024 10:03:34	01:54:41	LEIGS15	LEICA GS15
GMP674	-	Static	27.02.2024 08:14:24	27.02.2024 10:02:36	01:48:12	LEIGS16	LEICA GS16
GMP676N	-	Static	27.02.2024 09:11:37	27.02.2024 11:16:37	02:05:00	LEIGS08PLUS	LEICA GS08plus
GMP682N	-	Static	27.02.2024 10:27:27	27.02.2024 14:20:14	03:52:47	LEIGS16	LEICA GS16
GMP681	-	Static	27.02.2024 10:29:57	27.02.2024 14:20:04	03:50:07	LEIGS15	LEICA GS15
GMP677N	-	Static	27.02.2024 11:41:22	27.02.2024 12:26:57	00:45:35	LEIGS08PLUS	LEICA GS08plus
2883683_20240227_123642000 (GMP680N ← GMP683)	-	Static	27.02.2024 12:36:42	27.02.2024 14:21:52	01:45:10	LEIGS08PLUS	LEICA GS08plus
2886436_20240227_133037000 (GMP684 ← GMP689)	-	Static	27.02.2024 13:30:37	27.02.2024 15:40:07	02:09:30	LEIGS08PLUS	LEICA GS08plus
2887103_20240227_133422000 (GMP685 ← GMP693)	-	Static	27.02.2024 13:34:22	27.02.2024 16:42:22	03:08:00	LEIGS08PLUS	LEICA GS08plus
GMP690	-	Static	27.02.2024 14:40:42	27.02.2024 15:40:07	00:59:25	LEIGS08PLUS	LEICA GS08plus
GMP691N	-	Static	27.02.2024 14:46:50	27.02.2024 16:40:43	01:53:53	LEIGS15	LEICA GS15
GMP692	-	Static	27.02.2024 14:55:20	27.02.2024 16:44:55	01:49:35	LEIGS16	LEICA GS16
GMP694N	-	Static	27.02.2024 15:55:52	27.02.2024 16:40:02	00:44:10	LEIGS08PLUS	LEICA GS08plus
2887103_20240228_082106999 (GMP694N ← GMP701)	-	Static	28.02.2024 08:21:07	28.02.2024 10:25:02	02:03:55	LEIGS08PLUS	LEICA GS08plus
2886436_20240228_082207000 (GMP693 ← GMP705N)	-	Static	28.02.2024 08:22:07	28.02.2024 11:30:12	03:08:05	LEIGS08PLUS	LEICA GS08plus
GMP695	-	Static	28.02.2024 08:27:52	28.02.2024 09:18:02	00:50:10	LEIGS08PLUS	LEICA GS08plus
GMP696	-	Static	28.02.2024 08:29:11	28.02.2024 09:21:10	00:51:59	LEIGS15	LEICA GS15
GMP697	-	Static	28.02.2024 08:33:19	28.02.2024 09:22:41	00:49:22	LEIGS16	LEICA GS16
2883683_20240228_093342000 (GMP702 ← GMP706)	-	Static	28.02.2024 09:33:42	28.02.2024 12:25:07	02:51:25	LEIGS08PLUS	LEICA GS08plus
GMP703N	-	Static	28.02.2024 09:35:43	28.02.2024 11:26:29	01:50:46	LEIGS15	LEICA GS15
GMP704	-	Static	28.02.2024 09:40:19	28.02.2024 11:26:14	01:45:55	LEIGS16	LEICA GS16
GMP707	-	Static	28.02.2024 10:40:22	28.02.2024 12:25:17	01:44:55	LEIGS08PLUS	LEICA GS08plus
GMP708	-	Static	28.02.2024 11:35:12	28.02.2024 12:25:07	00:49:55	LEIGS08PLUS	LEICA GS08plus
GMP709	-	Static	28.02.2024 11:38:07	28.02.2024 13:29:55	01:51:48	LEIGS15	LEICA GS15
GMP710	-	Static	28.02.2024 11:39:20	28.02.2024 13:29:27	01:50:07	LEIGS16	LEICA GS16
GMP711N	-	Static	28.02.2024 12:34:07	28.02.2024 13:29:37	00:55:30	LEIGS08PLUS	LEICA GS08plus
GMP712	-	Static	28.02.2024 12:35:07	28.02.2024 14:28:17	01:53:10	LEIGS08PLUS	LEICA GS08plus
GMP713	-	Static	28.02.2024 12:43:47	28.02.2024 14:28:02	01:44:15	LEIGS08PLUS	LEICA GS08plus
GMP714N	-	Static	28.02.2024 13:37:12	28.02.2024 14:28:17	00:51:05	LEIGS08PLUS	LEICA GS08plus
GMP715	-	Static	28.02.2024 13:40:50	28.02.2024 15:28:47	01:47:57	LEIGS16	LEICA GS16
GMP716	-	Static	28.02.2024 13:42:12	28.02.2024 15:24:32	01:42:20	LEIGS15	LEICA GS15

GMP717	-	Static	28.02.2024 14:37:32	28.02.2024 15:23:07	00:45:35	LEIGS08PLUS	LEICA GS08plus
2886436_20240229_081637000 (GMP720 ← GMP733N)	-	Static	29.02.2024 08:16:37	29.02.2024 13:17:07	05:00:30	LEIGS08PLUS	LEICA GS08plus
2883683_20240229_081851999 (GMP721 ← GMP732N)	-	Static	29.02.2024 08:18:52	29.02.2024 13:19:37	05:00:45	LEIGS08PLUS	LEICA GS08plus
GMP722	-	Static	29.02.2024 08:24:02	29.02.2024 09:20:02	00:56:00	LEIGS08PLUS	LEICA GS08plus
GMP723N	-	Static	29.02.2024 08:27:50	29.02.2024 10:19:25	01:51:35	LEIGS15	LEICA GS15
GMP724	-	Static	29.02.2024 08:34:20	29.02.2024 10:19:20	01:45:00	LEIGS16	LEICA GS16
2887103_20240229_093122000 (GMP725N ← GMP728N)	-	Static	29.02.2024 09:31:22	29.02.2024 11:18:07	01:46:45	LEIGS08PLUS	LEICA GS08plus
GMP729N	-	Static	29.02.2024 10:27:50	29.02.2024 12:16:14	01:48:24	LEIGS16	LEICA GS16
GMP730N	-	Static	29.02.2024 10:32:52	29.02.2024 12:16:20	01:43:28	LEIGS15	LEICA GS15
GMP731N	-	Static	29.02.2024 11:28:22	29.02.2024 12:16:07	00:47:45	LEIGS08PLUS	LEICA GS08plus
GMP734N	-	Static	29.02.2024 12:21:52	29.02.2024 13:17:02	00:55:10	LEIGS08PLUS	LEICA GS08plus
GMP736	-	Static	29.02.2024 12:32:27	29.02.2024 14:23:47	01:51:20	LEIGS15	LEICA GS15
2883683_20240229_133156999 (GMP738N ← GMP744N)	-	Static	29.02.2024 13:31:57	29.02.2024 16:23:27	02:51:30	LEIGS08PLUS	LEICA GS08plus
2887103_20240229_133806999 (GMP737N ← GMP741N)	-	Static	29.02.2024 13:38:07	29.02.2024 16:25:02	02:46:55	LEIGS08PLUS	LEICA GS08plus
GMP739	-	Static	29.02.2024 13:38:32	29.02.2024 15:20:02	01:41:30	LEIGS08PLUS	LEICA GS08plus
GMP740N	-	Static	29.02.2024 14:31:55	29.02.2024 15:25:09	00:53:14	LEIGS16	LEICA GS16
GMP742N	-	Static	29.02.2024 14:35:32	29.02.2024 16:28:04	01:52:32	LEIGS15	LEICA GS15
GMP745N	-	Static	29.02.2024 15:34:47	29.02.2024 16:20:12	00:45:25	LEIGS08PLUS	LEICA GS08plus
2886436_20240301_081921999 (GMP735N ← GMP750N)	-	Static	01.03.2024 08:19:22	01.03.2024 12:33:47	04:14:25	LEIGS08PLUS	LEICA GS08plus
GMP734N	-	Static	01.03.2024 08:20:17	01.03.2024 09:17:52	00:57:35	LEIGS08PLUS	LEICA GS08plus
GMP736	-	Static	01.03.2024 08:25:28	01.03.2024 09:18:38	00:53:10	LEIGS16	LEICA GS16
GMP733N	-	Static	01.03.2024 08:26:27	01.03.2024 09:16:02	00:49:35	LEIGS08PLUS	LEICA GS08plus
GMP737N	-	Static	01.03.2024 08:30:43	01.03.2024 09:16:45	00:46:02	LEIGS15	LEICA GS15
GMP745N	-	Static	01.03.2024 09:34:37	01.03.2024 10:32:12	00:57:35	LEIGS08PLUS	LEICA GS08plus
2883683_20240301_093747000 (GMP744N ← GMP752N)	-	Static	01.03.2024 09:37:47	01.03.2024 12:31:52	02:54:05	LEIGS08PLUS	LEICA GS08plus
GMP748N	-	Static	01.03.2024 09:45:01	01.03.2024 11:32:06	01:47:05	LEIGS16	LEICA GS16
GMP747N	-	Static	01.03.2024 09:45:25	01.03.2024 11:32:26	01:47:01	LEIGS15	LEICA GS15
GMP751N	-	Static	01.03.2024 10:46:47	01.03.2024 12:32:07	01:45:20	LEIGS08PLUS	LEICA GS08plus
GMP753N	-	Static	01.03.2024 11:41:22	01.03.2024 13:55:07	02:13:45	LEIGS15	LEICA GS15
GMP754N	-	Static	01.03.2024 11:45:20	01.03.2024 13:56:00	02:10:40	LEIGS16	LEICA GS16
GMP760	-	Static	01.03.2024 12:54:27	01.03.2024 13:48:37	00:54:10	LEIGS08PLUS	LEICA GS08plus
GMP759	-	Static	01.03.2024 12:56:12	01.03.2024 13:51:12	00:55:00	LEIGS08PLUS	LEICA GS08plus
GMP758N	-	Static	01.03.2024 12:58:52	01.03.2024 13:53:52	00:55:00	LEIGS08PLUS	LEICA GS08plus
GMP766	-	Static	01.03.2024 14:10:07	01.03.2024 15:14:07	01:04:00	LEIGS08PLUS	LEICA GS08plus
GMP767	-	Static	01.03.2024 14:15:22	01.03.2024 15:10:32	00:55:10	LEIGS08PLUS	LEICA GS08plus
GMP768	-	Static	01.03.2024 14:16:42	01.03.2024 15:08:12	00:51:30	LEIGS08PLUS	LEICA GS08plus
GMP769N	-	Static	01.03.2024 14:21:20	01.03.2024 15:10:19	00:48:59	LEIGS16	LEICA GS16
GMP770	-	Static	01.03.2024 14:22:12	01.03.2024 15:08:08	00:45:56	LEIGS15	LEICA GS15
2886436_20240304_091827000 (GMP770 ← GMP778)	-	Static	04.03.2024 09:18:27	04.03.2024 13:51:17	04:32:50	LEIGS08PLUS	LEICA GS08plus
2887103_20240304_092442000 (GMP771N ←	-	Static	04.03.2024	04.03.2024	03:05:50	LEIGS08PLUS	LEICA GS08plus

GMP774N)			09:24:42	12:30:32			
GMP772	-	Static	04.03.2024 09:32:28	04.03.2024 11:31:37	01:59:09	LEIGS15	LEICA GS15
GMP773N	-	Static	04.03.2024 09:39:54	04.03.2024 11:30:42	01:50:48	LEIGS16	LEICA GS16
GMP776	-	Static	04.03.2024 11:39:19	04.03.2024 12:45:01	01:05:42	LEIGS16	LEICA GS16
GMP779N	-	Static	04.03.2024 12:55:07	04.03.2024 13:46:02	00:50:55	LEIGS08PLUS	LEICA GS08plus
GMP780N	-	Static	04.03.2024 12:57:52	04.03.2024 14:56:12	01:58:20	LEIGS08PLUS	LEICA GS08plus
GMP781N	-	Static	04.03.2024 13:01:25	04.03.2024 14:59:05	01:57:40	LEIGS16	LEICA GS16
2883683_20240304_135836999 (GMP782 ← GMP785N)	-	Static	04.03.2024 13:58:37	04.03.2024 16:18:57	02:20:20	LEIGS08PLUS	LEICA GS08plus
GMP783N	-	Static	04.03.2024 14:04:31	04.03.2024 16:16:29	02:11:58	LEIGS15	LEICA GS15
2886436_20240304_140921999 (GMP784N ← GMP789)	-	Static	04.03.2024 14:09:22	04.03.2024 17:22:32	03:13:10	LEIGS08PLUS	LEICA GS08plus
GMP786N	-	Static	04.03.2024 15:25:12	04.03.2024 17:31:02	02:05:50	LEIGS08PLUS	LEICA GS08plus
GMP787N	-	Static	04.03.2024 15:31:19	04.03.2024 17:28:56	01:57:37	LEIGS16	LEICA GS16
GMP788	-	Static	04.03.2024 16:27:37	04.03.2024 17:25:17	00:57:40	LEIGS08PLUS	LEICA GS08plus
GMP790	-	Static	04.03.2024 16:34:34	04.03.2024 17:20:44	00:46:10	LEIGS15	LEICA GS15
GMP743N	-	Static	04.03.2024 17:57:57	04.03.2024 19:11:02	01:13:05	LEIGS08PLUS	LEICA GS08plus
GMP742N	-	Static	04.03.2024 18:11:17	04.03.2024 19:14:07	01:02:50	LEIGS08PLUS	LEICA GS08plus
GMP744N	-	Static	04.03.2024 18:13:27	04.03.2024 19:11:07	00:57:40	LEIGS08PLUS	LEICA GS08plus
GMP741N	-	Static	04.03.2024 18:20:30	04.03.2024 19:16:46	00:56:16	LEIGS16	LEICA GS16
GMP745N	-	Static	04.03.2024 18:27:37	04.03.2024 19:06:37	00:39:00	LEIGS15	LEICA GS15
2883683_20240305_075642000 (GMP771N ← GMP774N)	-	Static	05.03.2024 07:56:42	05.03.2024 10:15:27	02:18:45	LEIGS08PLUS	LEICA GS08plus
2886436_20240305_080007000 (GMP770 ← GMP797)	-	Static	05.03.2024 08:00:07	05.03.2024 12:51:27	04:51:20	LEIGS08PLUS	LEICA GS08plus
2887103_20240305_080541999 (GMP769N ← GMP779N)	-	Static	05.03.2024 08:05:42	05.03.2024 11:19:22	03:13:40	LEIGS08PLUS	LEICA GS08plus
GMP777	-	Static	05.03.2024 09:20:19	05.03.2024 11:15:46	01:55:27	LEIGS16	LEICA GS16
GMP776	-	Static	05.03.2024 09:27:44	05.03.2024 11:13:46	01:46:02	LEIGS15	LEICA GS15
GMP796	-	Static	05.03.2024 11:43:07	05.03.2024 12:48:17	01:05:10	LEIGS08PLUS	LEICA GS08plus
GMP798	-	Static	05.03.2024 11:54:02	05.03.2024 14:33:32	02:39:30	LEIGS08PLUS	LEICA GS08plus
GMP801	Reference	Static	05.03.2024 12:58:42	05.03.2024 15:36:07	02:37:25	LEIGS08PLUS	LEICA GS08plus
GMP800	-	Static	05.03.2024 13:03:19	05.03.2024 15:37:06	02:33:47	LEIGS16	LEICA GS16
GMP799N	-	Static	05.03.2024 13:43:01	05.03.2024 14:32:38	00:49:37	LEIGS15	LEICA GS15
GMP802	Rover	Static	05.03.2024 14:44:02	05.03.2024 15:31:47	00:47:45	LEIGS15	LEICA GS15

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

2888415_20240223_101732000 (GMP644 ← GMP651N)

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static		
Receiver Name:	LEICA GS08plus	Start Time:	23.02.2024 10:17:32	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2888415	End Time:	23.02.2024 13:25:22		
		Duration:	03:07:50		
Static Points:	2	Auto Points:	-	Events:	-

Station Id: GMP644

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Navigated RTK

Receiver Name:	LEICA GS08plus	Start Time:	23.02.2024 10:17:32	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2888415	End Time:	23.02.2024 11:27:07	Sampling Rate:	5.00 sec
Ant. Height:	1.3265 m	Duration:	01:09:35		
WGS84 Latitude:	45° 59' 01.59" N	WGS84 Cartesian X:	4180526.8057 m	Easting:	7397740.7977 m
WGS84 Longitude:	19° 40' 28.61" E	WGS84 Cartesian Y:	1494755.9830 m	Northing:	5094117.2912 m
Ellip. Height:	145.7553 m	WGS84 Cartesian Z:	4564099.4544 m	Ortho. Height:	102.6083 m

Station Id: GMP651N

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	23.02.2024 11:39:52	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2888415	End Time:	23.02.2024 13:25:22	Sampling Rate:	5.00 sec
Ant. Height:	1.3505 m	Duration:	01:45:30		
WGS84 Latitude:	45° 59' 29.56" N	WGS84 Cartesian X:	4179900.1138 m	Easting:	7397885.0286 m
WGS84 Longitude:	19° 40' 34.65" E	WGS84 Cartesian Y:	1494669.8582 m	Northing:	5094978.6605 m
Ellip. Height:	148.6804 m	WGS84 Cartesian Z:	4564701.6371 m	Ortho. Height:	105.5391 m

2883683_20240223_102757000 (GMP646 ← GMP652)

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static		
Receiver Name:	LEICA GS08plus	Start Time:	23.02.2024 10:27:57	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2883683	End Time:	23.02.2024 13:25:12		
		Duration:	02:57:15		
Static Points:	3	Auto Points:	-	Events:	-

Station Id: GMP646

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	23.02.2024 10:27:57	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2883683	End Time:	23.02.2024 11:27:17	Sampling Rate:	5.00 sec
Ant. Height:	1.4205 m	Duration:	00:59:20		
WGS84 Latitude:	45° 59' 10.87" N	WGS84 Cartesian X:	4180320.5817 m	Easting:	7397785.1103 m
WGS84 Longitude:	19° 40' 30.45" E	WGS84 Cartesian Y:	1494724.2569 m	Northing:	5094403.0872 m
Ellip. Height:	147.4392 m	WGS84 Cartesian Z:	4564299.7358 m	Ortho. Height:	104.2941 m

Station Id: GMP649N

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	23.02.2024 11:39:12	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2883683	End Time:	23.02.2024 12:25:17	Sampling Rate:	5.00 sec
Ant. Height:	1.2745 m	Duration:	00:46:05		
WGS84 Latitude:	45° 59' 22.90" N	WGS84 Cartesian X:	4180047.0868 m	Easting:	7397859.7472 m
WGS84 Longitude:	19° 40' 33.63" E	WGS84 Cartesian Y:	1494699.1867 m	Northing:	5094773.3823 m
Ellip. Height:	149.1723 m	WGS84 Cartesian Z:	4564559.0950 m	Ortho. Height:	106.0296 m

Station Id: GMP652

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	23.02.2024 12:34:57	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2883683	End Time:	23.02.2024 13:25:12	Sampling Rate:	5.00 sec
Ant. Height:	1.2515 m	Duration:	00:50:15		
WGS84 Latitude:	45° 59' 35.38" N	WGS84 Cartesian X:	4179779.4924 m	Easting:	7397882.0178 m
WGS84 Longitude:	19° 40' 34.37" E	WGS84 Cartesian Y:	1494620.3598 m	Northing:	5095158.4016 m
Ellip. Height:	147.2139 m	WGS84 Cartesian Z:	4564825.4077 m	Ortho. Height:	104.0738 m

Station Id: GMP645

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Fixed PP
Receiver Name:	LEICA GS08plus	Start Time:	23.02.2024 10:29:22	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2886436	End Time:	23.02.2024 11:27:17	Sampling Rate:	5.00 sec
Ant. Height:	1.2315 m	Duration:	00:57:55		
WGS84 Latitude:	45° 59' 05.45" N	WGS84 Cartesian X:	4180425.6912 m	Easting:	7397807.0234 m
WGS84 Longitude:	19° 40' 31.60" E	WGS84 Cartesian Y:	1494788.0713 m	Northing:	5094235.1828 m
Ellip. Height:	147.4170 m	WGS84 Cartesian Z:	4564183.3211 m	Ortho. Height:	104.2708 m

Station Id: GMP647N

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	23.02.2024 10:36:52	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2887103	End Time:	23.02.2024 12:25:02	Sampling Rate:	5.00 sec
Ant. Height:	1.4055 m	Duration:	01:48:10		
WGS84 Latitude:	45° 59' 14.86" N	WGS84 Cartesian X:	4180224.4670 m	Easting:	7397828.7943 m
WGS84 Longitude:	19° 40' 32.39" E	WGS84 Cartesian Y:	1494734.1183 m	Northing:	5094525.4167 m
Ellip. Height:	149.3172 m	WGS84 Cartesian Z:	4564386.5771 m	Ortho. Height:	106.1729 m

Station Id: GMP648

Antenna IGS Name:	LEIGS16	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS16	Start Time:	23.02.2024 10:41:50	Satellite System:	GPS/GLONASS/Galileo
Receiver Serial Number:	3713941	End Time:	23.02.2024 12:25:19	Sampling Rate:	5.00 sec
Ant. Height:	1.0305 m	Duration:	01:43:29		
WGS84 Latitude:	45° 59' 18.73" N	WGS84 Cartesian X:	4180145.8384 m	Easting:	7397820.4384 m
WGS84 Longitude:	19° 40' 31.91" E	WGS84 Cartesian Y:	1494695.0182 m	Northing:	5094645.1524 m
Ellip. Height:	147.5899 m	WGS84 Cartesian Z:	4564468.4213 m	Ortho. Height:	104.4464 m

Station Id: GMP650

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	23.02.2024 11:35:22	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2886436	End Time:	23.02.2024 13:25:17	Sampling Rate:	5.00 sec
Ant. Height:	1.3405 m	Duration:	01:49:55		
WGS84 Latitude:	45° 59' 27.06" N	WGS84 Cartesian X:	4179963.1635 m	Easting:	7397848.9577 m
WGS84 Longitude:	19° 40' 33.03" E	WGS84 Cartesian Y:	1494655.4561 m	Northing:	5094901.7932 m
Ellip. Height:	146.9674 m	WGS84 Cartesian Z:	4564646.5908 m	Ortho. Height:	103.8256 m

Station Id: GMP653

Antenna IGS Name:	LEIGS16	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS16	Start Time:	23.02.2024 12:34:50	Satellite System:	GPS/GLONASS/Galileo
Receiver Serial Number:	3713941	End Time:	23.02.2024 14:49:19	Sampling Rate:	5.00 sec
Ant. Height:	1.4025 m	Duration:	02:14:29		
WGS84 Latitude:	45° 59' 38.29" N	WGS84 Cartesian X:	4179704.6837 m	Easting:	7397927.3817 m
WGS84 Longitude:	19° 40' 36.41" E	WGS84 Cartesian Y:	1494640.2110 m	Northing:	5095247.4139 m
Ellip. Height:	148.3656 m	WGS84 Cartesian Z:	4564888.5916 m	Ortho. Height:	105.2262 m

Station Id: GMP654

Antenna IGS Name:	LEIGS15	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS15	Start Time:	23.02.2024 12:39:27	Satellite System:	GPS/GLONASS/Galileo
Receiver Serial Number:	1515977	End Time:	23.02.2024 14:45:27	Sampling Rate:	5.00 sec
Ant. Height:	1.3785 m	Duration:	02:06:00		
WGS84 Latitude:	45° 59' 43.21" N	WGS84 Cartesian X:	4179611.9790 m	Easting:	7397892.2071 m
WGS84 Longitude:	19° 40' 34.66" E	WGS84 Cartesian Y:	1494567.0187 m	Northing:	5095400.0694 m
Ellip. Height:	144.6682 m	WGS84 Cartesian Z:	4564991.5668 m	Ortho. Height:	101.5298 m

Station Id: GMP655N

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	23.02.2024 13:40:17	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2888415	End Time:	23.02.2024 14:38:47	Sampling Rate:	5.00 sec
Ant. Height:	1.3165 m	Duration:	00:58:30		
WGS84 Latitude:	45° 59' 56.88" N	WGS84 Cartesian X:	4179298.1373 m	Easting:	7397989.6705 m
WGS84 Longitude:	19° 40' 38.86" E	WGS84 Cartesian Y:	1494550.8772 m	Northing:	5095820.3790 m
Ellip. Height:	148.2753 m	WGS84 Cartesian Z:	4565287.2340 m	Ortho. Height:	105.1396 m

Station Id: GMP656

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	23.02.2024 13:42:17	Satellite System:	GPS/GLONASS

Receiver Serial Number:	2883683	End Time:	23.02.2024 14:31:12	Sampling Rate:	5.00 sec
Ant. Height:	1.1805 m	Duration:	00:48:55		
WGS84 Latitude:	46° 00' 00.64" N	WGS84 Cartesian X:	4179224.6248 m	Easting:	7397974.6797 m
WGS84 Longitude:	19° 40' 38.08" E	WGS84 Cartesian Y:	1494506.6171 m	Northing:	5095936.9171 m
Ellip. Height:	147.5806 m	WGS84 Cartesian Z:	4565367.5060 m	Ortho. Height:	104.4457 m

Station Id: GMP657

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	23.02.2024 13:46:02	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2886436	End Time:	23.02.2024 14:36:02	Sampling Rate:	5.00 sec
Ant. Height:	1.3055 m	Duration:	00:50:00		
WGS84 Latitude:	46° 00' 05.77" N	WGS84 Cartesian X:	4179096.9597 m	Easting:	7398038.5229 m
WGS84 Longitude:	19° 40' 40.92" E	WGS84 Cartesian Y:	1494525.9857 m	Northing:	5096094.2345 m
Ellip. Height:	147.9059 m	WGS84 Cartesian Z:	4565477.7418 m	Ortho. Height:	104.7721 m

2883683_20240226_080337000 (GMP630 ← GMP658N)

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static		
Receiver Name:	LEICA GS08plus	Start Time:	26.02.2024 08:03:37	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2883683	End Time:	26.02.2024 11:40:07		
		Duration:	03:36:30		
Static Points:	3	Auto Points:	-	Events:	-

Station Id: GMP630

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Navigated RTK
Receiver Name:	LEICA GS08plus	Start Time:	26.02.2024 08:03:37	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2883683	End Time:	26.02.2024 09:11:32	Sampling Rate:	5.00 sec
Ant. Height:	1.2725 m	Duration:	01:07:55		
WGS84 Latitude:	45° 58' 04.46" N	WGS84 Cartesian X:	4181782.0999 m	Easting:	7397537.7283 m
WGS84 Longitude:	19° 40' 20.54" E	WGS84 Cartesian Y:	1495020.2554 m	Northing:	5092356.5600 m
Ellip. Height:	149.6028 m	WGS84 Cartesian Z:	4562876.3902 m	Ortho. Height:	106.4440 m

Station Id: GMP636

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	26.02.2024 09:20:37	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2883683	End Time:	26.02.2024 10:22:07	Sampling Rate:	5.00 sec
Ant. Height:	1.2705 m	Duration:	01:01:30		
WGS84 Latitude:	45° 58' 28.88" N	WGS84 Cartesian X:	4181243.5372 m	Easting:	7397632.5562 m
WGS84 Longitude:	19° 40' 24.36" E	WGS84 Cartesian Y:	1494915.1101 m	Northing:	5093108.8982 m
Ellip. Height:	148.8344 m	WGS84 Cartesian Z:	4563399.7563 m	Ortho. Height:	105.6806 m

Station Id: GMP658N

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	26.02.2024 10:49:57	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2883683	End Time:	26.02.2024 11:40:07	Sampling Rate:	5.00 sec
Ant. Height:	1.3685 m	Duration:	00:50:10		
WGS84 Latitude:	46° 00' 09.95" N	WGS84 Cartesian X:	4179014.4134 m	Easting:	7398027.6680 m
WGS84 Longitude:	19° 40' 40.32" E	WGS84 Cartesian Y:	1494482.6633 m	Northing:	5096223.4568 m
Ellip. Height:	148.6305 m	WGS84 Cartesian Z:	4565567.8884 m	Ortho. Height:	105.4975 m

Station Id: GMP631

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Fixed PP
Receiver Name:	LEICA GS08plus	Start Time:	26.02.2024 08:07:57	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2886436	End Time:	26.02.2024 09:08:02	Sampling Rate:	5.00 sec
Ant. Height:	1.2135 m	Duration:	01:00:05		
WGS84 Latitude:	45° 58' 08.93" N	WGS84 Cartesian X:	4181672.3082 m	Easting:	7397590.1051 m
WGS84 Longitude:	19° 40' 22.87" E	WGS84 Cartesian Y:	1495034.2002 m	Northing:	5092493.4780 m
Ellip. Height:	150.1256 m	WGS84 Cartesian Z:	4562972.5249 m	Ortho. Height:	106.9677 m

2887103_20240226_081127000 (GMP632 ← GMP657)

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static		
Receiver Name:	LEICA GS08plus	Start Time:	26.02.2024 08:11:27	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2887103	End Time:	26.02.2024 11:41:42		
		Duration:	03:30:15		
Static Points:	3	Auto Points:	-	Events:	-

Station Id: GMP632

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	26.02.2024 08:11:27	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2887103	End Time:	26.02.2024 09:13:32	Sampling Rate:	5.00 sec
Ant. Height:	1.1875 m	Duration:	01:02:05		
WGS84 Latitude:	45° 58' 12.70" N	WGS84 Cartesian X:	4181600.8019 m	Easting:	7397569.7229 m
WGS84 Longitude:	19° 40' 21.83" E	WGS84 Cartesian Y:	1494984.9256 m	Northing:	5092610.4718 m
Ellip. Height:	150.0391 m	WGS84 Cartesian Z:	4563053.5319 m	Ortho. Height:	106.8820 m

Station Id: GMP635

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	26.02.2024 09:26:37	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2887103	End Time:	26.02.2024 10:12:07	Sampling Rate:	5.00 sec
Ant. Height:	1.1485 m	Duration:	00:45:30		
WGS84 Latitude:	45° 58' 24.77" N	WGS84 Cartesian X:	4181323.3808 m	Easting:	7397649.5221 m
WGS84 Longitude:	19° 40' 25.25" E	WGS84 Cartesian Y:	1494963.9150 m	Northing:	5092981.8932 m
Ellip. Height:	149.5656 m	WGS84 Cartesian Z:	4563312.2230 m	Ortho. Height:	106.4110 m

Station Id: GMP657

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	26.02.2024 10:40:37	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2887103	End Time:	26.02.2024 11:41:42	Sampling Rate:	5.00 sec
Ant. Height:	1.0655 m	Duration:	01:01:05		
WGS84 Latitude:	46° 00' 05.77" N	WGS84 Cartesian X:	4179096.9597 m	Easting:	7398038.5229 m
WGS84 Longitude:	19° 40' 40.92" E	WGS84 Cartesian Y:	1494525.9857 m	Northing:	5096094.2345 m
Ellip. Height:	147.9059 m	WGS84 Cartesian Z:	4565477.7418 m	Ortho. Height:	104.7721 m

Station Id: GMP633N

Antenna IGS Name:	LEIGS15	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS15	Start Time:	26.02.2024 08:14:17	Satellite System:	GPS/GLONASS/Galileo
Receiver Serial Number:	1515977	End Time:	26.02.2024 10:14:37	Sampling Rate:	5.00 sec
Ant. Height:	1.2905 m	Duration:	02:00:20		
WGS84 Latitude:	45° 58' 18.51" N	WGS84 Cartesian X:	4181466.2014 m	Easting:	7397613.8864 m
WGS84 Longitude:	19° 40' 23.74" E	WGS84 Cartesian Y:	1494980.5419 m	Northing:	5092789.1348 m
Ellip. Height:	151.1167 m	WGS84 Cartesian Z:	4563178.9762 m	Ortho. Height:	107.9608 m

Station Id: GMP634

Antenna IGS Name:	LEIGS16	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS16	Start Time:	26.02.2024 08:21:49	Satellite System:	GPS/GLONASS/Galileo
Receiver Serial Number:	3713941	End Time:	26.02.2024 10:20:08	Sampling Rate:	5.00 sec
Ant. Height:	1.3755 m	Duration:	01:58:19		
WGS84 Latitude:	45° 58' 20.65" N	WGS84 Cartesian X:	4181425.4202 m	Easting:	7397601.7706 m
WGS84 Longitude:	19° 40' 23.13" E	WGS84 Cartesian Y:	1494951.9271 m	Northing:	5092855.3323 m
Ellip. Height:	150.2693 m	WGS84 Cartesian Z:	4563224.2288 m	Ortho. Height:	107.1138 m

2886436_20240226_103952000 (GMP656 ← GMP663N)

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static		
Receiver Name:	LEICA GS08plus	Start Time:	26.02.2024 10:39:52	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2886436	End Time:	26.02.2024 13:46:07		
		Duration:	03:06:15		
Static Points:	2	Auto Points:	-	Events:	-

Station Id: GMP656

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	26.02.2024 10:39:52	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2886436	End Time:	26.02.2024 11:41:12	Sampling Rate:	5.00 sec
Ant. Height:	1.1065 m	Duration:	01:01:20		
WGS84 Latitude:	46° 00' 00.64" N	WGS84 Cartesian X:	4179224.6248 m	Easting:	7397974.6797 m
WGS84 Longitude:	19° 40' 38.08" E	WGS84 Cartesian Y:	1494506.6171 m	Northing:	5095936.9171 m
Ellip. Height:	147.5806 m	WGS84 Cartesian Z:	4565367.5060 m	Ortho. Height:	104.4457 m

Station Id: GMP663N

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	26.02.2024 11:59:57	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2886436	End Time:	26.02.2024 13:46:07	Sampling Rate:	5.00 sec
Ant. Height:	1.1565 m	Duration:	01:46:10		
WGS84 Latitude:	46° 00' 29.30" N	WGS84 Cartesian X:	4178584.4717 m	Easting:	7398113.6589 m
WGS84 Longitude:	19° 40' 43.85" E	WGS84 Cartesian Y:	1494409.7244 m	Northing:	5096819.4692 m
Ellip. Height:	149.1383 m	WGS84 Cartesian Z:	4565983.1760 m	Ortho. Height:	106.0093 m

Station Id: GMP659N

Antenna IGS Name:	LEIGS15	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS15	Start Time:	26.02.2024 10:49:15	Satellite System:	GPS/GLONASS/Galileo
Receiver Serial Number:	1515977	End Time:	26.02.2024 12:46:03	Sampling Rate:	5.00 sec
Ant. Height:	1.2345 m	Duration:	01:56:48		
WGS84 Latitude:	46° 00' 12.98" N	WGS84 Cartesian X:	4178943.8501 m	Easting:	7398051.2978 m
WGS84 Longitude:	19° 40' 41.34" E	WGS84 Cartesian Y:	1494480.8807 m	Northing:	5096316.5833 m
Ellip. Height:	148.9529 m	WGS84 Cartesian Z:	4565633.0718 m	Ortho. Height:	105.8206 m

Station Id: GMP660N

Antenna IGS Name:	LEIGS16	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS16	Start Time:	26.02.2024 10:53:49	Satellite System:	GPS/GLONASS/Galileo
Receiver Serial Number:	3713941	End Time:	26.02.2024 12:45:11	Sampling Rate:	5.00 sec
Ant. Height:	1.2685 m	Duration:	01:51:22		
WGS84 Latitude:	46° 00' 16.22" N	WGS84 Cartesian X:	4178876.3183 m	Easting:	7398052.7087 m
WGS84 Longitude:	19° 40' 41.33" E	WGS84 Cartesian Y:	1494456.4674 m	Northing:	5096416.5787 m
Ellip. Height:	149.1467 m	WGS84 Cartesian Z:	4565702.6762 m	Ortho. Height:	106.0150 m

Station Id: GMP661N

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	26.02.2024 11:51:07	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2883683	End Time:	26.02.2024 12:45:07	Sampling Rate:	5.00 sec
Ant. Height:	1.3495 m	Duration:	00:54:00		
WGS84 Latitude:	46° 00' 21.03" N	WGS84 Cartesian X:	4178766.6750 m	Easting:	7398082.1055 m
WGS84 Longitude:	19° 40' 42.58" E	WGS84 Cartesian Y:	1494445.8648 m	Northing:	5096564.6770 m
Ellip. Height:	149.2464 m	WGS84 Cartesian Z:	4565805.9416 m	Ortho. Height:	106.1157 m

Station Id: GMP662

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	26.02.2024 11:52:27	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2887103	End Time:	26.02.2024 13:46:07	Sampling Rate:	5.00 sec
Ant. Height:	1.1965 m	Duration:	01:53:40		
WGS84 Latitude:	46° 00' 26.27" N	WGS84 Cartesian X:	4178661.2927 m	Easting:	7398070.2541 m
WGS84 Longitude:	19° 40' 41.91" E	WGS84 Cartesian Y:	1494392.7379 m	Northing:	5096726.8109 m
Ellip. Height:	148.3372 m	WGS84 Cartesian Z:	4565917.7511 m	Ortho. Height:	105.2075 m

Station Id: GMP664

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	26.02.2024 12:53:42	Satellite System:	GPS/GLONASS

Receiver Serial Number:	2883683	End Time:	26.02.2024 13:46:12	Sampling Rate:	5.00 sec
Ant. Height:	1.2245 m	Duration:	00:52:30		
WGS84 Latitude:	46° 00' 33.65" N	WGS84 Cartesian X:	4178496.0382 m	Easting:	7398107.1014 m
WGS84 Longitude:	19° 40' 43.45" E	WGS84 Cartesian Y:	1494368.7691 m	Northing:	5096953.8456 m
Ellip. Height:	148.4559 m	WGS84 Cartesian Z:	4566075.9287 m	Ortho. Height:	105.3278 m

Station Id: GMP665N

Antenna IGS Name:	LEIGS15	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS15	Start Time:	26.02.2024 12:59:22	Satellite System:	GPS/GLONASS/Galileo
Receiver Serial Number:	1515977	End Time:	26.02.2024 14:46:27	Sampling Rate:	5.00 sec
Ant. Height:	1.3425 m	Duration:	01:47:05		
WGS84 Latitude:	46° 00' 37.13" N	WGS84 Cartesian X:	4178411.7066 m	Easting:	7398143.8270 m
WGS84 Longitude:	19° 40' 45.07" E	WGS84 Cartesian Y:	1494375.7245 m	Northing:	5097060.8425 m
Ellip. Height:	148.9513 m	WGS84 Cartesian Z:	4566151.0116 m	Ortho. Height:	105.8239 m

Station Id: GMP666N

Antenna IGS Name:	LEIGS16	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS16	Start Time:	26.02.2024 13:00:55	Satellite System:	GPS/GLONASS/Galileo
Receiver Serial Number:	3713941	End Time:	26.02.2024 14:49:54	Sampling Rate:	5.00 sec
Ant. Height:	1.2835 m	Duration:	01:48:59		
WGS84 Latitude:	46° 00' 41.76" N	WGS84 Cartesian X:	4178312.9738 m	Easting:	7398151.5121 m
WGS84 Longitude:	19° 40' 45.32" E	WGS84 Cartesian Y:	1494346.0592 m	Northing:	5097203.7707 m
Ellip. Height:	148.8876 m	WGS84 Cartesian Z:	4566250.3083 m	Ortho. Height:	105.7611 m

Station Id: GMP667

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	26.02.2024 13:56:17	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2883683	End Time:	26.02.2024 14:50:57	Sampling Rate:	5.00 sec
Ant. Height:	1.2565 m	Duration:	00:54:40		
WGS84 Latitude:	46° 00' 44.30" N	WGS84 Cartesian X:	4178243.9488 m	Easting:	7398199.3505 m
WGS84 Longitude:	19° 40' 47.48" E	WGS84 Cartesian Y:	1494370.8097 m	Northing:	5097281.2117 m
Ellip. Height:	148.3439 m	WGS84 Cartesian Z:	4566304.2442 m	Ortho. Height:	105.2181 m

Station Id: GMP668

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	26.02.2024 14:02:02	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2887103	End Time:	26.02.2024 14:54:12	Sampling Rate:	5.00 sec
Ant. Height:	1.0365 m	Duration:	00:52:10		
WGS84 Latitude:	46° 00' 50.32" N	WGS84 Cartesian X:	4178129.5690 m	Easting:	7398168.3893 m
WGS84 Longitude:	19° 40' 45.90" E	WGS84 Cartesian Y:	1494293.7451 m	Northing:	5097467.5961 m
Ellip. Height:	148.4395 m	WGS84 Cartesian Z:	4566433.3832 m	Ortho. Height:	105.3148 m

Station Id: GMP669

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	26.02.2024 14:03:12	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2886436	End Time:	26.02.2024 14:56:37	Sampling Rate:	5.00 sec
Ant. Height:	1.2785 m	Duration:	00:53:25		
WGS84 Latitude:	46° 00' 54.65" N	WGS84 Cartesian X:	4178017.7545 m	Easting:	7398234.0109 m
WGS84 Longitude:	19° 40' 48.85" E	WGS84 Cartesian Y:	1494321.1044 m	Northing:	5097600.2598 m
Ellip. Height:	148.6611 m	WGS84 Cartesian Z:	4566526.4175 m	Ortho. Height:	105.5374 m

2887103_20240227_075047000 (GMP670 ← GMP679)

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static		
Receiver Name:	LEICA GS08plus	Start Time:	27.02.2024 07:50:47	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2887103	End Time:	27.02.2024 13:15:32		
		Duration:	05:24:45		
Static Points:	4	Auto Points:	-	Events:	-

Station Id: GMP670

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Navigated RTK
Receiver Name:	LEICA GS08plus	Start Time:	27.02.2024 07:50:47	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2887103	End Time:	27.02.2024 09:00:27	Sampling Rate:	5.00 sec
Ant. Height:	1.3325 m	Duration:	01:09:40		
WGS84 Latitude:	46° 00' 57.24" N	WGS84 Cartesian X:	4177978.1915 m	Easting:	7398193.7055 m
WGS84 Longitude:	19° 40' 46.91" E	WGS84 Cartesian Y:	1494262.7337 m	Northing:	5097681.0112 m
Ellip. Height:	149.6779 m	WGS84 Cartesian Z:	4566582.7575 m	Ortho. Height:	106.5546 m

Station Id: GMP675N

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	27.02.2024 09:14:17	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2887103	End Time:	27.02.2024 10:07:12	Sampling Rate:	5.00 sec
Ant. Height:	1.5175 m	Duration:	00:52:55		
WGS84 Latitude:	46° 01' 22.31" N	WGS84 Cartesian X:	4177415.3091 m	Easting:	7398321.7423 m
WGS84 Longitude:	19° 40' 52.27" E	WGS84 Cartesian Y:	1494183.8004 m	Northing:	5098452.9042 m
Ellip. Height:	150.1183 m	WGS84 Cartesian Z:	4567120.4934 m	Ortho. Height:	107.0003 m

Station Id: GMP678

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	27.02.2024 10:18:47	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2887103	End Time:	27.02.2024 11:15:02	Sampling Rate:	5.00 sec
Ant. Height:	1.2255 m	Duration:	00:56:15		
WGS84 Latitude:	46° 01' 36.54" N	WGS84 Cartesian X:	4177110.1012 m	Easting:	7398347.6818 m
WGS84 Longitude:	19° 40' 53.14" E	WGS84 Cartesian Y:	1494094.4637 m	Northing:	5098891.8902 m
Ellip. Height:	148.2698 m	WGS84 Cartesian Z:	4567424.2315 m	Ortho. Height:	105.1547 m

Station Id: GMP679

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	27.02.2024 11:31:12	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2887103	End Time:	27.02.2024 13:15:32	Sampling Rate:	5.00 sec
Ant. Height:	1.2015 m	Duration:	01:44:20		
WGS84 Latitude:	46° 01' 39.47" N	WGS84 Cartesian X:	4177024.1002 m	Easting:	7398423.9936 m
WGS84 Longitude:	19° 40' 56.62" E	WGS84 Cartesian Y:	1494143.1708 m	Northing:	5098981.1198 m
Ellip. Height:	149.0534 m	WGS84 Cartesian Z:	4567487.6176 m	Ortho. Height:	105.9390 m

Station Id: GMP671

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Fixed PP
Receiver Name:	LEICA GS08plus	Start Time:	27.02.2024 07:58:57	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2883683	End Time:	27.02.2024 09:00:02	Sampling Rate:	5.00 sec
Ant. Height:	1.3175 m	Duration:	01:01:05		
WGS84 Latitude:	46° 01' 02.51" N	WGS84 Cartesian X:	4177845.8591 m	Easting:	7398262.2502 m
WGS84 Longitude:	19° 40' 49.97" E	WGS84 Cartesian Y:	1494285.3497 m	Northing:	5097842.6037 m
Ellip. Height:	149.8053 m	WGS84 Cartesian Z:	4566695.8412 m	Ortho. Height:	106.6832 m

2886436_20240227_075916999 (GMP672 ← GMP678)

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static		
Receiver Name:	LEICA GS08plus	Start Time:	27.02.2024 07:59:17	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2886436	End Time:	27.02.2024 13:15:17		
		Duration:	05:16:00		
Static Points:	3	Auto Points:	-	Events:	-

Station Id: GMP672

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	27.02.2024 07:59:17	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2886436	End Time:	27.02.2024 09:00:22	Sampling Rate:	5.00 sec
Ant. Height:	1.3285 m	Duration:	01:01:05		

WGS84 Latitude:	46° 01' 06.12" N	WGS84 Cartesian X:	4177781.6069 m	Easting:	7398230.9144 m
WGS84 Longitude:	19° 40' 48.43" E	WGS84 Cartesian Y:	1494227.1263 m	Northing:	5097954.4684 m
Ellip. Height:	149.8089 m	WGS84 Cartesian Z:	4566773.1564 m	Ortho. Height:	106.6875 m

Station Id: GMP677N

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	27.02.2024 09:16:42	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2886436	End Time:	27.02.2024 11:18:47	Sampling Rate:	5.00 sec
Ant. Height:	1.4925 m	Duration:	02:02:05		

WGS84 Latitude:	46° 01' 31.80" N	WGS84 Cartesian X:	4177206.1439 m	Easting:	7398358.1851 m
WGS84 Longitude:	19° 40' 53.74" E	WGS84 Cartesian Y:	1494142.5404 m	Northing:	5098745.6285 m
Ellip. Height:	150.4353 m	WGS84 Cartesian Z:	4567324.3693 m	Ortho. Height:	107.3192 m

Station Id: GMP678

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	27.02.2024 11:34:37	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2886436	End Time:	27.02.2024 13:15:17	Sampling Rate:	5.00 sec
Ant. Height:	1.3315 m	Duration:	01:40:40		

WGS84 Latitude:	46° 01' 36.54" N	WGS84 Cartesian X:	4177110.1012 m	Easting:	7398347.6818 m
WGS84 Longitude:	19° 40' 53.14" E	WGS84 Cartesian Y:	1494094.4637 m	Northing:	5098891.8902 m
Ellip. Height:	148.2698 m	WGS84 Cartesian Z:	4567424.2315 m	Ortho. Height:	105.1547 m

Station Id: GMP673N

Antenna IGS Name:	LEIGS15	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS15	Start Time:	27.02.2024 08:08:53	Satellite System:	GPS/GLONASS/Galileo
Receiver Serial Number:	1515977	End Time:	27.02.2024 10:03:34	Sampling Rate:	5.00 sec
Ant. Height:	1.5765 m	Duration:	01:54:41		

WGS84 Latitude:	46° 01' 14.59" N	WGS84 Cartesian X:	4177583.1349 m	Easting:	7398298.9387 m
WGS84 Longitude:	19° 40' 51.39" E	WGS84 Cartesian Y:	1494223.7944 m	Northing:	5098214.9744 m
Ellip. Height:	150.1554 m	WGS84 Cartesian Z:	4566955.0639 m	Ortho. Height:	107.0358 m

Station Id: GMP674

Antenna IGS Name:	LEIGS16	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS16	Start Time:	27.02.2024 08:14:24	Satellite System:	GPS/GLONASS/Galileo
Receiver Serial Number:	3713941	End Time:	27.02.2024 10:02:36	Sampling Rate:	5.00 sec
Ant. Height:	1.4605 m	Duration:	01:48:12		

WGS84 Latitude:	46° 01' 17.34" N	WGS84 Cartesian X:	4177532.9889 m	Easting:	7398279.5594 m
WGS84 Longitude:	19° 40' 50.42" E	WGS84 Cartesian Y:	1494183.7802 m	Northing:	5098300.2641 m
Ellip. Height:	150.7933 m	WGS84 Cartesian Z:	4567014.5174 m	Ortho. Height:	107.6742 m

Station Id: GMP676N

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	27.02.2024 09:11:37	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2883683	End Time:	27.02.2024 11:16:37	Sampling Rate:	5.00 sec
Ant. Height:	1.3465 m	Duration:	02:05:00		

WGS84 Latitude:	46° 01' 27.76" N	WGS84 Cartesian X:	4177298.8691 m	Easting:	7398331.7855 m
WGS84 Longitude:	19° 40' 52.61" E	WGS84 Cartesian Y:	1494149.8591 m	Northing:	5098621.2164 m
Ellip. Height:	150.3455 m	WGS84 Cartesian Z:	4567237.6273 m	Ortho. Height:	107.2286 m

Station Id: GMP682N

Antenna IGS Name:	LEIGS16	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS16	Start Time:	27.02.2024 10:27:27	Satellite System:	GPS/GLONASS/Galileo
Receiver Serial Number:	3713941	End Time:	27.02.2024 14:20:14	Sampling Rate:	5.00 sec
Ant. Height:	1.4015 m	Duration:	03:52:47		

WGS84 Latitude:	46° 01' 51.87" N	WGS84 Cartesian X:	4176770.2764 m	Easting:	7398417.6901 m
WGS84 Longitude:	19° 40' 56.03" E	WGS84 Cartesian Y:	1494038.9556 m	Northing:	5099364.2254 m
Ellip. Height:	151.2368 m	WGS84 Cartesian Z:	4567755.0699 m	Ortho. Height:	108.1249 m

Station Id: GMP681

Antenna IGS Name:	LEIGS15	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS15	Start Time:	27.02.2024 10:29:57	Satellite System:	GPS/GLONASS/Galileo
Receiver Serial Number:	1515977	End Time:	27.02.2024 14:20:04	Sampling Rate:	5.00 sec
Ant. Height:	1.3615 m	Duration:	03:50:07		
WGS84 Latitude:	46° 01' 47.27" N	WGS84 Cartesian X:	4176859.7369 m	Easting:	7398435.3640 m
WGS84 Longitude:	19° 40' 56.96" E	WGS84 Cartesian Y:	1494092.2248 m	Northing:	5099221.8342 m
Ellip. Height:	151.1185 m	WGS84 Cartesian Z:	4567656.3411 m	Ortho. Height:	108.0056 m

Station Id: GMP677N

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	27.02.2024 11:41:22	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2883683	End Time:	27.02.2024 12:26:57	Sampling Rate:	5.00 sec
Ant. Height:	1.3865 m	Duration:	00:45:35		
WGS84 Latitude:	46° 01' 31.80" N	WGS84 Cartesian X:	4177206.1439 m	Easting:	7398358.1851 m
WGS84 Longitude:	19° 40' 53.74" E	WGS84 Cartesian Y:	1494142.5404 m	Northing:	5098745.6285 m
Ellip. Height:	150.4353 m	WGS84 Cartesian Z:	4567324.3693 m	Ortho. Height:	107.3192 m

2883683_20240227_123642000 (GMP680N ← GMP683)

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static		
Receiver Name:	LEICA GS08plus	Start Time:	27.02.2024 12:36:42	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2883683	End Time:	27.02.2024 14:21:52		
		Duration:	01:45:10		
Static Points:	2	Auto Points:	-	Events:	-

Station Id: GMP680N

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	27.02.2024 12:36:42	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2883683	End Time:	27.02.2024 13:20:47	Sampling Rate:	5.00 sec
Ant. Height:	1.5045 m	Duration:	00:44:05		
WGS84 Latitude:	46° 01' 45.10" N	WGS84 Cartesian X:	4176919.2782 m	Easting:	7398391.9548 m
WGS84 Longitude:	19° 40' 54.99" E	WGS84 Cartesian Y:	1494068.5871 m	Northing:	5099155.7096 m
Ellip. Height:	151.1199 m	WGS84 Cartesian Z:	4567609.9399 m	Ortho. Height:	108.0066 m

Station Id: GMP683

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	27.02.2024 13:26:57	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2883683	End Time:	27.02.2024 14:21:52	Sampling Rate:	5.00 sec
Ant. Height:	1.3015 m	Duration:	00:54:55		
WGS84 Latitude:	46° 01' 55.31" N	WGS84 Cartesian X:	4176683.9203 m	Easting:	7398461.1390 m
WGS84 Longitude:	19° 40' 57.97" E	WGS84 Cartesian Y:	1494052.3538 m	Northing:	5099469.6290 m
Ellip. Height:	150.6187 m	WGS84 Cartesian Z:	4567828.2924 m	Ortho. Height:	107.5075 m

2886436_20240227_133037000 (GMP684 ← GMP689)

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static		
Receiver Name:	LEICA GS08plus	Start Time:	27.02.2024 13:30:37	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2886436	End Time:	27.02.2024 15:40:07		
		Duration:	02:09:30		
Static Points:	2	Auto Points:	-	Events:	-

Station Id: GMP684

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	27.02.2024 13:30:37	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2886436	End Time:	27.02.2024 14:21:17	Sampling Rate:	5.00 sec
Ant. Height:	1.2745 m	Duration:	00:50:40		
WGS84 Latitude:	46° 02' 00.83" N	WGS84 Cartesian X:	4176579.4615 m	Easting:	7398432.9869 m
WGS84 Longitude:	19° 40' 56.53" E	WGS84 Cartesian Y:	1493982.0884 m	Northing:	5099640.7335 m
Ellip. Height:	151.7400 m	WGS84 Cartesian Z:	4567947.5503 m	Ortho. Height:	108.6298 m

Station Id: GMP689

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Fixed PP
Receiver Name:	LEICA GS08plus	Start Time:	27.02.2024 14:35:52	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2886436	End Time:	27.02.2024 15:40:07	Sampling Rate:	5.00 sec
Ant. Height:	1.3025 m	Duration:	01:04:15		
WGS84 Latitude:	46° 02' 22.27" N	WGS84 Cartesian X:	4176087.5678 m	Easting:	7398558.5481 m
WGS84 Longitude:	19° 41' 01.86" E	WGS84 Cartesian Y:	1493927.8813 m	Northing:	5100300.6728 m
Ellip. Height:	144.5912 m	WGS84 Cartesian Z:	4568401.9178 m	Ortho. Height:	101.4857 m

2887103_20240227_133422000 (GMP685 ← GMP693)

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static		
Receiver Name:	LEICA GS08plus	Start Time:	27.02.2024 13:34:22	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2887103	End Time:	27.02.2024 16:42:22		
		Duration:	03:08:00		
Static Points:	3	Auto Points:	-	Events:	-

Station Id: GMP685

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	27.02.2024 13:34:22	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2887103	End Time:	27.02.2024 14:26:02	Sampling Rate:	5.00 sec
Ant. Height:	1.2765 m	Duration:	00:51:40		
WGS84 Latitude:	46° 02' 06.22" N	WGS84 Cartesian X:	4176441.4816 m	Easting:	7398508.8935 m
WGS84 Longitude:	19° 40' 59.93" E	WGS84 Cartesian Y:	1494010.4397 m	Northing:	5099805.8268 m
Ellip. Height:	150.7985 m	WGS84 Cartesian Z:	4568062.3418 m	Ortho. Height:	107.6896 m

Station Id: GMP688

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Navigated RTK
Receiver Name:	LEICA GS08plus	Start Time:	27.02.2024 14:42:52	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2887103	End Time:	27.02.2024 15:40:07	Sampling Rate:	5.00 sec
Ant. Height:	1.4865 m	Duration:	00:57:15		
WGS84 Latitude:	46° 02' 17.34" N	WGS84 Cartesian X:	4176208.2695 m	Easting:	7398503.7310 m
WGS84 Longitude:	19° 40' 59.42" E	WGS84 Cartesian Y:	1493915.5055 m	Northing:	5100149.2306 m
Ellip. Height:	144.3496 m	WGS84 Cartesian Z:	4568296.0016 m	Ortho. Height:	101.2431 m

Station Id: GMP693

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	27.02.2024 15:50:42	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2887103	End Time:	27.02.2024 16:42:22	Sampling Rate:	5.00 sec
Ant. Height:	1.4405 m	Duration:	00:51:40		
WGS84 Latitude:	46° 02' 47.30" N	WGS84 Cartesian X:	4175514.5077 m	Easting:	7398717.7657 m
WGS84 Longitude:	19° 41' 08.67" E	WGS84 Cartesian Y:	1493878.4425 m	Northing:	5101070.9176 m
Ellip. Height:	144.6899 m	WGS84 Cartesian Z:	4568938.3879 m	Ortho. Height:	101.5898 m

Station Id: GMP690

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	27.02.2024 14:40:42	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2883683	End Time:	27.02.2024 15:40:07	Sampling Rate:	5.00 sec
Ant. Height:	1.2145 m	Duration:	00:59:25		
WGS84 Latitude:	46° 02' 25.26" N	WGS84 Cartesian X:	4176033.4320 m	Easting:	7398535.6219 m
WGS84 Longitude:	19° 41' 00.72" E	WGS84 Cartesian Y:	1493882.5406 m	Northing:	5100393.5017 m
Ellip. Height:	145.0162 m	WGS84 Cartesian Z:	4568466.3907 m	Ortho. Height:	101.9113 m

Station Id: GMP691N

Antenna IGS Name:	LEIGS15	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS15	Start Time:	27.02.2024 14:46:50	Satellite System:	GPS/GLONASS/Galileo
Receiver Serial Number:	1515977	End Time:	27.02.2024 16:40:43	Sampling Rate:	5.00 sec
Ant. Height:	1.3055 m	Duration:	01:53:53		

WGS84 Latitude:	46° 02' 28.32" N	WGS84 Cartesian X:	4175957.3198 m	Easting:	7398574.9704 m
WGS84 Longitude:	19° 41' 02.48" E	WGS84 Cartesian Y:	1493895.4524 m	Northing:	5100487.3051 m
Ellip. Height:	145.9768 m	WGS84 Cartesian Z:	4568532.6385 m	Ortho. Height:	102.8726 m

Station Id: GMP692

Antenna IGS Name:	LEIGS16	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS16	Start Time:	27.02.2024 14:55:20	Satellite System:	GPS/GLONASS/Galileo
Receiver Serial Number:	3713941	End Time:	27.02.2024 16:44:55	Sampling Rate:	5.00 sec
Ant. Height:	1.4625 m	Duration:	01:49:35		

WGS84 Latitude:	46° 02' 42.63" N	WGS84 Cartesian X:	4175618.6103 m	Easting:	7398697.5832 m
WGS84 Longitude:	19° 41' 07.84" E	WGS84 Cartesian Y:	1493896.7747 m	Northing:	5100927.0893 m
Ellip. Height:	145.3031 m	WGS84 Cartesian Z:	4568838.7819 m	Ortho. Height:	102.2020 m

Station Id: GMP694N

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	27.02.2024 15:55:52	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2886436	End Time:	27.02.2024 16:40:02	Sampling Rate:	5.00 sec
Ant. Height:	1.1705 m	Duration:	00:44:10		

WGS84 Latitude:	46° 02' 51.69" N	WGS84 Cartesian X:	4175391.7973 m	Easting:	7398815.0387 m
WGS84 Longitude:	19° 41' 13.09" E	WGS84 Cartesian Y:	1493935.4896 m	Northing:	5101204.9917 m
Ellip. Height:	146.6258 m	WGS84 Cartesian Z:	4569033.9398 m	Ortho. Height:	103.5267 m

2887103_20240228_082106999 (GMP694N ← GMP701)

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static		
Receiver Name:	LEICA GS08plus	Start Time:	28.02.2024 08:21:07	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2887103	End Time:	28.02.2024 10:25:02		
		Duration:	02:03:55		
Static Points:	2	Auto Points:	-	Events:	-

Station Id: GMP694N

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	28.02.2024 08:21:07	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2887103	End Time:	28.02.2024 09:18:07	Sampling Rate:	5.00 sec
Ant. Height:	1.3335 m	Duration:	00:57:00		

WGS84 Latitude:	46° 02' 51.69" N	WGS84 Cartesian X:	4175391.7973 m	Easting:	7398815.0387 m
WGS84 Longitude:	19° 41' 13.09" E	WGS84 Cartesian Y:	1493935.4896 m	Northing:	5101204.9917 m
Ellip. Height:	146.6258 m	WGS84 Cartesian Z:	4569033.9398 m	Ortho. Height:	103.5267 m

Station Id: GMP701

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Fixed PP
Receiver Name:	LEICA GS08plus	Start Time:	28.02.2024 09:29:27	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2887103	End Time:	28.02.2024 10:25:02	Sampling Rate:	5.00 sec
Ant. Height:	1.0625 m	Duration:	00:55:35		

WGS84 Latitude:	46° 03' 15.88" N	WGS84 Cartesian X:	4174709.6464 m	Easting:	7399355.7962 m
WGS84 Longitude:	19° 41' 37.68" E	WGS84 Cartesian Y:	1494252.7562 m	Northing:	5101943.1296 m
Ellip. Height:	150.0836 m	WGS84 Cartesian Z:	4569554.8172 m	Ortho. Height:	106.9904 m

2886436_20240228_082207000 (GMP693 ← GMP705N)

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static		
Receiver Name:	LEICA GS08plus	Start Time:	28.02.2024 08:22:07	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2886436	End Time:	28.02.2024 11:30:12		
		Duration:	03:08:05		
Static Points:	3	Auto Points:	-	Events:	-

Station Id: GMP693

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	28.02.2024 08:22:07	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2886436	End Time:	28.02.2024 09:18:07	Sampling Rate:	5.00 sec
Ant. Height:	1.2775 m	Duration:	00:56:00		

WGS84 Latitude:	46° 02' 47.30" N	WGS84 Cartesian X:	4175514.5077 m	Easting:	7398717.7657 m
WGS84 Longitude:	19° 41' 08.67" E	WGS84 Cartesian Y:	1493878.4425 m	Northing:	5101070.9176 m
Ellip. Height:	144.6899 m	WGS84 Cartesian Z:	4568938.3879 m	Ortho. Height:	101.5898 m

Station Id: GMP700

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Navigated RTK
Receiver Name:	LEICA GS08plus	Start Time:	28.02.2024 09:28:52	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2886436	End Time:	28.02.2024 10:25:07	Sampling Rate:	5.00 sec
Ant. Height:	1.2845 m	Duration:	00:56:15		

WGS84 Latitude:	46° 03' 10.86" N	WGS84 Cartesian X:	4174836.0620 m	Easting:	7399290.8743 m
WGS84 Longitude:	19° 41' 34.78" E	WGS84 Cartesian Y:	1494231.7407 m	Northing:	5101789.0445 m
Ellip. Height:	150.4386 m	WGS84 Cartesian Z:	4569447.4140 m	Ortho. Height:	107.3442 m

Station Id: GMP705N

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	28.02.2024 10:34:47	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2886436	End Time:	28.02.2024 11:30:12	Sampling Rate:	5.00 sec
Ant. Height:	1.3065 m	Duration:	00:55:25		

WGS84 Latitude:	46° 03' 37.58" N	WGS84 Cartesian X:	4174099.9488 m	Easting:	7399828.4811 m
WGS84 Longitude:	19° 41' 59.16" E	WGS84 Cartesian Y:	1494524.9848 m	Northing:	5102605.3587 m
Ellip. Height:	150.1834 m	WGS84 Cartesian Z:	4570019.7465 m	Ortho. Height:	107.0954 m

Station Id: GMP695

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	28.02.2024 08:27:52	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2883683	End Time:	28.02.2024 09:18:02	Sampling Rate:	5.00 sec
Ant. Height:	1.3015 m	Duration:	00:50:10		

WGS84 Latitude:	46° 02' 55.20" N	WGS84 Cartesian X:	4175307.8312 m	Easting:	7398846.3183 m
WGS84 Longitude:	19° 41' 14.46" E	WGS84 Cartesian Y:	1493936.7770 m	Northing:	5101312.8079 m
Ellip. Height:	145.6991 m	WGS84 Cartesian Z:	4569108.4514 m	Ortho. Height:	102.6008 m

Station Id: GMP696

Antenna IGS Name:	LEIGS15	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS15	Start Time:	28.02.2024 08:29:11	Satellite System:	GPS/GLONASS/Galileo
Receiver Serial Number:	1515977	End Time:	28.02.2024 09:21:10	Sampling Rate:	5.00 sec
Ant. Height:	1.3215 m	Duration:	00:51:59		

WGS84 Latitude:	46° 02' 58.10" N	WGS84 Cartesian X:	4175209.2543 m	Easting:	7398959.1029 m
WGS84 Longitude:	19° 41' 19.64" E	WGS84 Cartesian Y:	1494019.7455 m	Northing:	5101400.3751 m
Ellip. Height:	144.9929 m	WGS84 Cartesian Z:	4569169.9999 m	Ortho. Height:	101.8954 m

Station Id: GMP697

Antenna IGS Name:	LEIGS16	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS16	Start Time:	28.02.2024 08:33:19	Satellite System:	GPS/GLONASS/Galileo
Receiver Serial Number:	3713941	End Time:	28.02.2024 09:22:41	Sampling Rate:	5.00 sec
Ant. Height:	1.2965 m	Duration:	00:49:22		

WGS84 Latitude:	46° 03' 01.62" N	WGS84 Cartesian X:	4175125.3977 m	Easting:	7398992.7867 m
WGS84 Longitude:	19° 41' 21.13" E	WGS84 Cartesian Y:	1494023.6189 m	Northing:	5101508.5512 m
Ellip. Height:	145.8884 m	WGS84 Cartesian Z:	4569246.0977 m	Ortho. Height:	102.7917 m

2883683_20240228_093342000 (GMP702 ← GMP706)

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static		
Receiver Name:	LEICA GS08plus	Start Time:	28.02.2024 09:33:42	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2883683	End Time:	28.02.2024 12:25:07		
		Duration:	02:51:25		
Static Points:	2	Auto Points:	-	Events:	-

Station Id: GMP702

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged

Receiver Name:	LEICA GS08plus	Start Time:	28.02.2024 09:33:42	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2883683	End Time:	28.02.2024 10:25:07	Sampling Rate:	5.00 sec
Ant. Height:	1.3395 m	Duration:	00:51:25		
WGS84 Latitude:	46° 03' 17.13" N	WGS84 Cartesian X:	4174650.9160 m	Easting:	7399453.7975 m
WGS84 Longitude:	19° 41' 42.21" E	WGS84 Cartesian Y:	1494335.1712 m	Northing:	5101979.9406 m
Ellip. Height:	150.2805 m	WGS84 Cartesian Z:	4569581.6164 m	Ortho. Height:	107.1877 m

Station Id: GMP706

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	28.02.2024 10:39:12	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2883683	End Time:	28.02.2024 12:25:07	Sampling Rate:	5.00 sec
Ant. Height:	1.2285 m	Duration:	01:45:55		
WGS84 Latitude:	46° 03' 43.74" N	WGS84 Cartesian X:	4173955.8745 m	Easting:	7399872.3171 m
WGS84 Longitude:	19° 42' 01.06" E	WGS84 Cartesian Y:	1494516.6704 m	Northing:	5102794.7869 m
Ellip. Height:	147.9622 m	WGS84 Cartesian Z:	4570150.0701 m	Ortho. Height:	104.8756 m

Station Id: GMP703N

Antenna IGS Name:	LEIGS15	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS15	Start Time:	28.02.2024 09:35:43	Satellite System:	GPS/GLONASS/Galileo
Receiver Serial Number:	1515977	End Time:	28.02.2024 11:26:29	Sampling Rate:	5.00 sec
Ant. Height:	1.2655 m	Duration:	01:50:46		
WGS84 Latitude:	46° 03' 21.31" N	WGS84 Cartesian X:	4174537.0663 m	Easting:	7399535.4872 m
WGS84 Longitude:	19° 41' 45.91" E	WGS84 Cartesian Y:	1494378.9481 m	Northing:	5102107.8311 m
Ellip. Height:	151.1443 m	WGS84 Cartesian Z:	4569671.9074 m	Ortho. Height:	108.0524 m

Station Id: GMP704

Antenna IGS Name:	LEIGS16	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS16	Start Time:	28.02.2024 09:40:19	Satellite System:	GPS/GLONASS/Galileo
Receiver Serial Number:	3713941	End Time:	28.02.2024 11:26:14	Sampling Rate:	5.00 sec
Ant. Height:	1.2605 m	Duration:	01:45:55		
WGS84 Latitude:	46° 03' 23.76" N	WGS84 Cartesian X:	4174456.0785 m	Easting:	7399621.1415 m
WGS84 Longitude:	19° 41' 49.84" E	WGS84 Cartesian Y:	1494439.6306 m	Northing:	5102182.1473 m
Ellip. Height:	149.2928 m	WGS84 Cartesian Z:	4569723.1126 m	Ortho. Height:	106.2016 m

Station Id: GMP707

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	28.02.2024 10:40:22	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2887103	End Time:	28.02.2024 12:25:17	Sampling Rate:	5.00 sec
Ant. Height:	1.3245 m	Duration:	01:44:55		
WGS84 Latitude:	46° 03' 47.62" N	WGS84 Cartesian X:	4173854.0423 m	Easting:	7399933.8913 m
WGS84 Longitude:	19° 42' 03.83" E	WGS84 Cartesian Y:	1494543.5405 m	Northing:	5102913.7999 m
Ellip. Height:	147.3870 m	WGS84 Cartesian Z:	4570232.9228 m	Ortho. Height:	104.3013 m

Station Id: GMP708

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	28.02.2024 11:35:12	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2886436	End Time:	28.02.2024 12:25:07	Sampling Rate:	5.00 sec
Ant. Height:	1.2395 m	Duration:	00:49:55		
WGS84 Latitude:	46° 03' 51.49" N	WGS84 Cartesian X:	4173779.3630 m	Easting:	7399918.4969 m
WGS84 Longitude:	19° 42' 03.02" E	WGS84 Cartesian Y:	1494498.3748 m	Northing:	5103033.6069 m
Ellip. Height:	148.1794 m	WGS84 Cartesian Z:	4570316.4385 m	Ortho. Height:	105.0944 m

Station Id: GMP709

Antenna IGS Name:	LEIGS15	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS15	Start Time:	28.02.2024 11:38:07	Satellite System:	GPS/GLONASS/Galileo
Receiver Serial Number:	1515977	End Time:	28.02.2024 13:29:55	Sampling Rate:	5.00 sec
Ant. Height:	1.2085 m	Duration:	01:51:48		

WGS84 Latitude:	46° 03' 55.13" N	WGS84 Cartesian X:	4173687.0186 m	Easting:	7399969.3226 m
WGS84 Longitude:	19° 42' 05.30" E	WGS84 Cartesian Y:	1494517.3557 m	Northing:	5103145.1634 m
Ellip. Height:	148.7299 m	WGS84 Cartesian Z:	4570394.8038 m	Ortho. Height:	105.6458 m

Station Id: GMP710

Antenna IGS Name:	LEIGS16	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS16	Start Time:	28.02.2024 11:39:20	Satellite System:	GPS/GLONASS/Galileo
Receiver Serial Number:	3713941	End Time:	28.02.2024 13:29:27	Sampling Rate:	5.00 sec
Ant. Height:	1.3005 m	Duration:	01:50:07		

WGS84 Latitude:	46° 03' 59.02" N	WGS84 Cartesian X:	4173613.2918 m	Easting:	7399947.3194 m
WGS84 Longitude:	19° 42' 04.19" E	WGS84 Cartesian Y:	1494465.5009 m	Northing:	5103265.6229 m
Ellip. Height:	148.1343 m	WGS84 Cartesian Z:	4570477.6947 m	Ortho. Height:	105.0509 m

Station Id: GMP711N

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	28.02.2024 12:34:07	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2883683	End Time:	28.02.2024 13:29:37	Sampling Rate:	5.00 sec
Ant. Height:	1.3265 m	Duration:	00:55:30		

WGS84 Latitude:	46° 04' 03.58" N	WGS84 Cartesian X:	4173507.4970 m	Easting:	7399981.8568 m
WGS84 Longitude:	19° 42' 05.69" E	WGS84 Cartesian Y:	1494461.8722 m	Northing:	5103405.7110 m
Ellip. Height:	148.7876 m	WGS84 Cartesian Z:	4570575.7400 m	Ortho. Height:	105.7052 m

Station Id: GMP712

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	28.02.2024 12:35:07	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2887103	End Time:	28.02.2024 14:28:17	Sampling Rate:	5.00 sec
Ant. Height:	1.2525 m	Duration:	01:53:10		

WGS84 Latitude:	46° 04' 08.41" N	WGS84 Cartesian X:	4173408.1894 m	Easting:	7399977.0652 m
WGS84 Longitude:	19° 42' 05.35" E	WGS84 Cartesian Y:	1494418.6391 m	Northing:	5103554.9189 m
Ellip. Height:	147.8030 m	WGS84 Cartesian Z:	4570678.4850 m	Ortho. Height:	104.7216 m

Station Id: GMP713

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	28.02.2024 12:43:47	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2886436	End Time:	28.02.2024 14:28:02	Sampling Rate:	5.00 sec
Ant. Height:	1.2855 m	Duration:	01:44:15		

WGS84 Latitude:	46° 04' 11.94" N	WGS84 Cartesian X:	4173316.1611 m	Easting:	7400030.5015 m
WGS84 Longitude:	19° 42' 07.76" E	WGS84 Cartesian Y:	1494440.5618 m	Northing:	5103663.2343 m
Ellip. Height:	146.9018 m	WGS84 Cartesian Z:	4570753.5792 m	Ortho. Height:	103.8213 m

Station Id: GMP714N

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	28.02.2024 13:37:12	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2883683	End Time:	28.02.2024 14:28:17	Sampling Rate:	5.00 sec
Ant. Height:	1.2325 m	Duration:	00:51:05		

WGS84 Latitude:	46° 04' 23.11" N	WGS84 Cartesian X:	4173086.0922 m	Easting:	7400027.5097 m
WGS84 Longitude:	19° 42' 07.36" E	WGS84 Cartesian Y:	1494349.0284 m	Northing:	5104008.0831 m
Ellip. Height:	148.1116 m	WGS84 Cartesian Z:	4570993.6310 m	Ortho. Height:	105.0333 m

Station Id: GMP715

Antenna IGS Name:	LEIGS16	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS16	Start Time:	28.02.2024 13:40:50	Satellite System:	GPS/GLONASS/Galileo
Receiver Serial Number:	3713941	End Time:	28.02.2024 15:28:47	Sampling Rate:	5.00 sec
Ant. Height:	1.2335 m	Duration:	01:47:57		

WGS84 Latitude:	46° 04' 26.75" N	WGS84 Cartesian X:	4173004.0311 m	Easting:	7400045.8247 m
WGS84 Longitude:	19° 42' 08.12" E	WGS84 Cartesian Y:	1494337.1520 m	Northing:	5104120.2867 m
Ellip. Height:	147.7615 m	WGS84 Cartesian Z:	4571071.4162 m	Ortho. Height:	104.6839 m

Station Id: GMP716

Antenna IGS Name:	LEIGS15	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS15	Start Time:	28.02.2024 13:42:12	Satellite System:	GPS/GLONASS/Galileo
Receiver Serial Number:	1515977	End Time:	28.02.2024 15:24:32	Sampling Rate:	5.00 sec
Ant. Height:	1.1385 m	Duration:	01:42:20		
WGS84 Latitude:	46° 04' 31.52" N	WGS84 Cartesian X:	4172936.3102 m	Easting:	7399954.4238 m
WGS84 Longitude:	19° 42' 03.76" E	WGS84 Cartesian Y:	1494213.2543 m	Northing:	5104268.9850 m
Ellip. Height:	148.4652 m	WGS84 Cartesian Z:	4571174.0320 m	Ortho. Height:	105.3884 m

Station Id: GMP717

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	28.02.2024 14:37:32	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2886436	End Time:	28.02.2024 15:23:07	Sampling Rate:	5.00 sec
Ant. Height:	1.3335 m	Duration:	00:45:35		
WGS84 Latitude:	46° 04' 35.55" N	WGS84 Cartesian X:	4172858.0270 m	Easting:	7399937.2132 m
WGS84 Longitude:	19° 42' 02.86" E	WGS84 Cartesian Y:	1494164.7819 m	Northing:	5104393.8104 m
Ellip. Height:	147.9645 m	WGS84 Cartesian Z:	4571260.0583 m	Ortho. Height:	104.8885 m

2886436_20240229_081637000 (GMP720 ← GMP733N)

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static		
Receiver Name:	LEICA GS08plus	Start Time:	29.02.2024 08:16:37	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2886436	End Time:	29.02.2024 13:17:07		
		Duration:	05:00:30		
Static Points:	3	Auto Points:	-	Events:	-

Station Id: GMP720

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Navigated RTK
Receiver Name:	LEICA GS08plus	Start Time:	29.02.2024 08:16:37	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2886436	End Time:	29.02.2024 09:20:02	Sampling Rate:	5.00 sec
Ant. Height:	1.2145 m	Duration:	01:03:25		
WGS84 Latitude:	46° 04' 44.05" N	WGS84 Cartesian X:	4172769.8456 m	Easting:	7399676.9495 m
WGS84 Longitude:	19° 41' 50.55" E	WGS84 Cartesian Y:	1493852.1723 m	Northing:	5104660.5060 m
Ellip. Height:	148.8516 m	WGS84 Cartesian Z:	4571442.7278 m	Ortho. Height:	105.7768 m

Station Id: GMP726

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	29.02.2024 09:30:42	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2886436	End Time:	29.02.2024 11:18:07	Sampling Rate:	5.00 sec
Ant. Height:	0.9545 m	Duration:	01:47:25		
WGS84 Latitude:	46° 05' 04.61" N	WGS84 Cartesian X:	4172491.9132 m	Easting:	7399240.5739 m
WGS84 Longitude:	19° 41' 29.75" E	WGS84 Cartesian Y:	1493278.0748 m	Northing:	5105302.5055 m
Ellip. Height:	151.8717 m	WGS84 Cartesian Z:	4571885.1981 m	Ortho. Height:	108.8002 m

Station Id: GMP733N

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	29.02.2024 11:31:32	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2886436	End Time:	29.02.2024 13:17:07	Sampling Rate:	5.00 sec
Ant. Height:	1.3125 m	Duration:	01:45:35		
WGS84 Latitude:	46° 05' 25.50" N	WGS84 Cartesian X:	4172225.6177 m	Easting:	7398750.4083 m
WGS84 Longitude:	19° 41' 06.44" E	WGS84 Cartesian Y:	1492650.8224 m	Northing:	5105955.6440 m
Ellip. Height:	155.6131 m	WGS84 Cartesian Z:	4572335.2276 m	Ortho. Height:	112.5448 m

2883683_20240229_081851999 (GMP721 ← GMP732N)

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static		
Receiver Name:	LEICA GS08plus	Start Time:	29.02.2024 08:18:52	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2883683	End Time:	29.02.2024 13:19:37		
		Duration:	05:00:45		
Static Points:	3	Auto Points:	-	Events:	-

Station Id: GMP721

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Fixed PP
Receiver Name:	LEICA GS08plus	Start Time:	29.02.2024 08:18:52	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2883683	End Time:	29.02.2024 09:20:07	Sampling Rate:	5.00 sec
Ant. Height:	1.3545 m	Duration:	01:01:15		
WGS84 Latitude:	46° 04' 48.75" N	WGS84 Cartesian X:	4172693.4941 m	Easting:	7399617.2096 m
WGS84 Longitude:	19° 41' 47.66" E	WGS84 Cartesian Y:	1493758.8520 m	Northing:	5104806.7505 m
Ellip. Height:	150.7064 m	WGS84 Cartesian Z:	4571544.8175 m	Ortho. Height:	107.6324 m

Station Id: GMP727

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	29.02.2024 09:34:07	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2883683	End Time:	29.02.2024 11:18:02	Sampling Rate:	5.00 sec
Ant. Height:	1.1975 m	Duration:	01:43:55		
WGS84 Latitude:	46° 05' 08.48" N	WGS84 Cartesian X:	4172442.9275 m	Easting:	7399150.2924 m
WGS84 Longitude:	19° 41' 25.46" E	WGS84 Cartesian Y:	1493162.5547 m	Northing:	5105423.4673 m
Ellip. Height:	153.3311 m	WGS84 Cartesian Z:	4571969.1075 m	Ortho. Height:	110.2602 m

Station Id: GMP732N

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	29.02.2024 11:28:27	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2883683	End Time:	29.02.2024 13:19:37	Sampling Rate:	5.00 sec
Ant. Height:	1.2225 m	Duration:	01:51:10		
WGS84 Latitude:	46° 05' 23.53" N	WGS84 Cartesian X:	4172256.0587 m	Easting:	7398780.9226 m
WGS84 Longitude:	19° 41' 07.90" E	WGS84 Cartesian Y:	1492695.1941 m	Northing:	5105894.2564 m
Ellip. Height:	155.2550 m	WGS84 Cartesian Z:	4572292.7505 m	Ortho. Height:	112.1864 m

Station Id: GMP722

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	29.02.2024 08:24:02	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2887103	End Time:	29.02.2024 09:20:02	Sampling Rate:	5.00 sec
Ant. Height:	1.1975 m	Duration:	00:56:00		
WGS84 Latitude:	46° 04' 51.25" N	WGS84 Cartesian X:	4172690.3846 m	Easting:	7399471.6590 m
WGS84 Longitude:	19° 41' 40.82" E	WGS84 Cartesian Y:	1493601.7817 m	Northing:	5104886.1025 m
Ellip. Height:	150.0868 m	WGS84 Cartesian Z:	4571597.7530 m	Ortho. Height:	107.0131 m

Station Id: GMP723N

Antenna IGS Name:	LEIGS15	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS15	Start Time:	29.02.2024 08:27:50	Satellite System:	GPS/GLONASS/Galileo
Receiver Serial Number:	1515977	End Time:	29.02.2024 10:19:25	Sampling Rate:	5.00 sec
Ant. Height:	1.6715 m	Duration:	01:51:35		
WGS84 Latitude:	46° 04' 57.01" N	WGS84 Cartesian X:	4172591.4883 m	Easting:	7399410.6782 m
WGS84 Longitude:	19° 41' 37.85" E	WGS84 Cartesian Y:	1493498.5056 m	Northing:	5105064.9616 m
Ellip. Height:	150.3555 m	WGS84 Cartesian Z:	4571721.3005 m	Ortho. Height:	107.2828 m

Station Id: GMP724

Antenna IGS Name:	LEIGS16	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS16	Start Time:	29.02.2024 08:34:20	Satellite System:	GPS/GLONASS/Galileo
Receiver Serial Number:	3713941	End Time:	29.02.2024 10:19:20	Sampling Rate:	5.00 sec
Ant. Height:	1.5145 m	Duration:	01:45:00		
WGS84 Latitude:	46° 04' 58.89" N	WGS84 Cartesian X:	4172580.9139 m	Easting:	7399324.6509 m
WGS84 Longitude:	19° 41' 33.80" E	WGS84 Cartesian Y:	1493402.3239 m	Northing:	5105124.4098 m
Ellip. Height:	149.5383 m	WGS84 Cartesian Z:	4571760.9618 m	Ortho. Height:	106.4658 m

2887103_20240229_093122000 (GMP725N ← GMP728N)

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static		
Receiver Name:	LEICA GS08plus	Start Time:	29.02.2024 09:31:22	Satellite System:	GPS/GLONASS

Receiver Serial Number:	2887103	End Time:	29.02.2024 11:18:07		
		Duration:	01:46:45		
Static Points:	2	Auto Points:	-	Events:	-

Station Id: GMP725N

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	29.02.2024 09:31:22	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2887103	End Time:	29.02.2024 10:19:02	Sampling Rate:	5.00 sec
Ant. Height:	1.2345 m	Duration:	00:47:40		
WGS84 Latitude:	46° 05' 01.92" N	WGS84 Cartesian X:	4172532.1619 m	Easting:	7399284.9656 m
WGS84 Longitude:	19° 41' 31.88" E	WGS84 Cartesian Y:	1493341.0832 m	Northing:	5105218.8190 m
Ellip. Height:	150.9699 m	WGS84 Cartesian Z:	4571827.0163 m	Ortho. Height:	107.8979 m

Station Id: GMP728N

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	29.02.2024 10:28:02	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2887103	End Time:	29.02.2024 11:18:07	Sampling Rate:	5.00 sec
Ant. Height:	1.3545 m	Duration:	00:50:05		
WGS84 Latitude:	46° 05' 09.47" N	WGS84 Cartesian X:	4172439.1010 m	Easting:	7399098.1852 m
WGS84 Longitude:	19° 41' 23.01" E	WGS84 Cartesian Y:	1493105.3004 m	Northing:	5105454.8481 m
Ellip. Height:	152.0223 m	WGS84 Cartesian Z:	4571989.3326 m	Ortho. Height:	108.9515 m

Station Id: GMP729N

Antenna IGS Name:	LEIGS16	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS16	Start Time:	29.02.2024 10:27:50	Satellite System:	GPS/GLONASS/Galileo
Receiver Serial Number:	3713941	End Time:	29.02.2024 12:16:14	Sampling Rate:	5.00 sec
Ant. Height:	1.3445 m	Duration:	01:48:24		
WGS84 Latitude:	46° 05' 12.60" N	WGS84 Cartesian X:	4172394.7775 m	Easting:	7399037.7495 m
WGS84 Longitude:	19° 41' 20.12" E	WGS84 Cartesian Y:	1493023.5483 m	Northing:	5105552.6790 m
Ellip. Height:	152.7070 m	WGS84 Cartesian Z:	4572056.9803 m	Ortho. Height:	109.6367 m

Station Id: GMP730N

Antenna IGS Name:	LEIGS15	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS15	Start Time:	29.02.2024 10:32:52	Satellite System:	GPS/GLONASS/Galileo
Receiver Serial Number:	1515977	End Time:	29.02.2024 12:16:20	Sampling Rate:	5.00 sec
Ant. Height:	1.3225 m	Duration:	01:43:28		
WGS84 Latitude:	46° 05' 15.36" N	WGS84 Cartesian X:	4172363.8496 m	Easting:	7398960.5225 m
WGS84 Longitude:	19° 41' 16.46" E	WGS84 Cartesian Y:	1492928.9547 m	Northing:	5105639.2460 m
Ellip. Height:	153.3551 m	WGS84 Cartesian Z:	4572116.5972 m	Ortho. Height:	110.2852 m

Station Id: GMP731N

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	29.02.2024 11:28:22	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2887103	End Time:	29.02.2024 12:16:07	Sampling Rate:	5.00 sec
Ant. Height:	1.3695 m	Duration:	00:47:45		
WGS84 Latitude:	46° 05' 21.03" N	WGS84 Cartesian X:	4172284.9275 m	Easting:	7398847.7732 m
WGS84 Longitude:	19° 41' 11.08" E	WGS84 Cartesian Y:	1492777.8837 m	Northing:	5105816.1426 m
Ellip. Height:	154.6254 m	WGS84 Cartesian Z:	4572238.8942 m	Ortho. Height:	111.5564 m

Station Id: GMP734N

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	29.02.2024 12:21:52	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2887103	End Time:	29.02.2024 13:17:02	Sampling Rate:	5.00 sec
Ant. Height:	1.3265 m	Duration:	00:55:10		
WGS84 Latitude:	46° 05' 25.99" N	WGS84 Cartesian X:	4172224.1020 m	Easting:	7398724.7476 m
WGS84 Longitude:	19° 41' 05.23" E	WGS84 Cartesian Y:	1492622.7543 m	Northing:	5105971.3643 m
Ellip. Height:	155.8105 m	WGS84 Cartesian Z:	4572345.9769 m	Ortho. Height:	112.7423 m

Station Id: GMP736

Antenna IGS Name:	LEIGS15	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS15	Start Time:	29.02.2024 12:32:27	Satellite System:	GPS/GLONASS/Galileo
Receiver Serial Number:	1515977	End Time:	29.02.2024 14:23:47	Sampling Rate:	5.00 sec
Ant. Height:	1.0605 m	Duration:	01:51:20		
WGS84 Latitude:	46° 05' 32.43" N	WGS84 Cartesian X:	4172174.8509 m	Easting:	7398476.4274 m
WGS84 Longitude:	19° 40' 53.52" E	WGS84 Cartesian Y:	1492337.8755 m	Northing:	5106174.1796 m
Ellip. Height:	156.9854 m	WGS84 Cartesian Z:	4572484.6117 m	Ortho. Height:	113.9180 m

2883683_20240229_133156999 (GMP738N ← GMP744N)

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static		
Receiver Name:	LEICA GS08plus	Start Time:	29.02.2024 13:31:57	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2883683	End Time:	29.02.2024 16:23:27		
		Duration:	02:51:30		
Static Points:	2	Auto Points:	-	Events:	-

Station Id: GMP738N

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	29.02.2024 13:31:57	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2883683	End Time:	29.02.2024 15:20:07	Sampling Rate:	5.00 sec
Ant. Height:	1.1145 m	Duration:	01:48:10		
WGS84 Latitude:	46° 05' 40.11" N	WGS84 Cartesian X:	4172120.8690 m	Easting:	7398162.4214 m
WGS84 Longitude:	19° 40' 38.71" E	WGS84 Cartesian Y:	1491980.8548 m	Northing:	5106416.6248 m
Ellip. Height:	156.7572 m	WGS84 Cartesian Z:	4572648.9462 m	Ortho. Height:	113.6907 m

Station Id: GMP744N

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	29.02.2024 15:33:52	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2883683	End Time:	29.02.2024 16:23:27	Sampling Rate:	5.00 sec
Ant. Height:	1.1705 m	Duration:	00:49:35		
WGS84 Latitude:	46° 05' 53.14" N	WGS84 Cartesian X:	4171955.6439 m	Easting:	7397849.5077 m
WGS84 Longitude:	19° 40' 23.83" E	WGS84 Cartesian Y:	1491582.3014 m	Northing:	5106824.0562 m
Ellip. Height:	156.7578 m	WGS84 Cartesian Z:	4572927.8328 m	Ortho. Height:	113.6934 m

2887103_20240229_133806999 (GMP737N ← GMP741N)

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static		
Receiver Name:	LEICA GS08plus	Start Time:	29.02.2024 13:38:07	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2887103	End Time:	29.02.2024 16:25:02		
		Duration:	02:46:55		
Static Points:	2	Auto Points:	-	Events:	-

Station Id: GMP737N

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	29.02.2024 13:38:07	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2887103	End Time:	29.02.2024 14:24:27	Sampling Rate:	5.00 sec
Ant. Height:	1.3135 m	Duration:	00:46:20		
WGS84 Latitude:	46° 05' 34.41" N	WGS84 Cartesian X:	4172150.0174 m	Easting:	7398427.9709 m
WGS84 Longitude:	19° 40' 51.21" E	WGS84 Cartesian Y:	1492276.4481 m	Northing:	5106236.0382 m
Ellip. Height:	156.8588 m	WGS84 Cartesian Z:	4572526.8571 m	Ortho. Height:	113.7916 m

Station Id: GMP741N

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	29.02.2024 14:36:22	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2887103	End Time:	29.02.2024 16:25:02	Sampling Rate:	5.00 sec
Ant. Height:	1.2395 m	Duration:	01:48:40		
WGS84 Latitude:	46° 05' 49.14" N	WGS84 Cartesian X:	4172008.1381 m	Easting:	7397940.8083 m
WGS84 Longitude:	19° 40' 28.18" E	WGS84 Cartesian Y:	1491700.2298 m	Northing:	5106699.0778 m
Ellip. Height:	157.0320 m	WGS84 Cartesian Z:	4572842.4320 m	Ortho. Height:	113.9670 m

Station Id: GMP739

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Fixed PP
Receiver Name:	LEICA GS08plus	Start Time:	29.02.2024 13:38:32	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2886436	End Time:	29.02.2024 15:20:02	Sampling Rate:	5.00 sec
Ant. Height:	1.1195 m	Duration:	01:41:30		
WGS84 Latitude:	46° 05' 37.78" N	WGS84 Cartesian X:	4172119.8789 m	Easting:	7398310.6042 m
WGS84 Longitude:	19° 40' 45.67" E	WGS84 Cartesian Y:	1492139.1669 m	Northing:	5106342.2156 m
Ellip. Height:	157.5454 m	WGS84 Cartesian Z:	4572599.6256 m	Ortho. Height:	114.4787 m

Station Id: GMP740N

Antenna IGS Name:	LEIGS16	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS16	Start Time:	29.02.2024 14:31:55	Satellite System:	GPS/GLONASS/Galileo
Receiver Serial Number:	3713941	End Time:	29.02.2024 15:25:09	Sampling Rate:	5.00 sec
Ant. Height:	1.2545 m	Duration:	00:53:14		
WGS84 Latitude:	46° 05' 49.06" N	WGS84 Cartesian X:	4171989.6913 m	Easting:	7398000.7868 m
WGS84 Longitude:	19° 40' 30.97" E	WGS84 Cartesian Y:	1491757.3860 m	Northing:	5106695.5262 m
Ellip. Height:	157.0816 m	WGS84 Cartesian Z:	4572840.6976 m	Ortho. Height:	114.0167 m

Station Id: GMP742N

Antenna IGS Name:	LEIGS15	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS15	Start Time:	29.02.2024 14:35:32	Satellite System:	GPS/GLONASS/Galileo
Receiver Serial Number:	1515977	End Time:	29.02.2024 16:28:04	Sampling Rate:	5.00 sec
Ant. Height:	1.2455 m	Duration:	01:52:32		
WGS84 Latitude:	46° 05' 51.22" N	WGS84 Cartesian X:	4171961.6628 m	Easting:	7397950.7463 m
WGS84 Longitude:	19° 40' 28.59" E	WGS84 Cartesian Y:	1491693.0339 m	Northing:	5106763.0603 m
Ellip. Height:	157.0740 m	WGS84 Cartesian Z:	4572886.9392 m	Ortho. Height:	114.0094 m

Station Id: GMP745N

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	29.02.2024 15:34:47	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2886436	End Time:	29.02.2024 16:20:12	Sampling Rate:	5.00 sec
Ant. Height:	1.2825 m	Duration:	00:45:25		
WGS84 Latitude:	46° 05' 58.48" N	WGS84 Cartesian X:	4171850.7926 m	Easting:	7397830.9750 m
WGS84 Longitude:	19° 40' 22.84" E	WGS84 Cartesian Y:	1491522.2069 m	Northing:	5106989.4981 m
Ellip. Height:	156.7683 m	WGS84 Cartesian Z:	4573042.3318 m	Ortho. Height:	113.7050 m

2886436_20240301_081921999 (GMP735N ← GMP750N)

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static		
Receiver Name:	LEICA GS08plus	Start Time:	01.03.2024 08:19:22	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2886436	End Time:	01.03.2024 12:33:47		
		Duration:	04:14:25		
Static Points:	3	Auto Points:	-	Events:	-

Station Id: GMP735N

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	01.03.2024 08:19:22	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2886436	End Time:	01.03.2024 09:16:07	Sampling Rate:	5.00 sec
Ant. Height:	1.6275 m	Duration:	00:56:45		
WGS84 Latitude:	46° 05' 31.78" N	WGS84 Cartesian X:	4172144.0306 m	Easting:	7398600.5954 m
WGS84 Longitude:	19° 40' 59.31" E	WGS84 Cartesian Y:	1492459.0957 m	Northing:	5106152.0906 m
Ellip. Height:	153.2023 m	WGS84 Cartesian Z:	4572467.9946 m	Ortho. Height:	110.1350 m

Station Id: GMP746N

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	01.03.2024 09:40:17	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2886436	End Time:	01.03.2024 10:32:07	Sampling Rate:	5.00 sec
Ant. Height:	1.2795 m	Duration:	00:51:50		

WGS84 Latitude:	46° 06' 01.09" N	WGS84 Cartesian X:	4171816.4655 m	Easting:	7397772.9570 m
WGS84 Longitude:	19° 40' 20.08" E	WGS84 Cartesian Y:	1491446.8875 m	Northing:	5107070.8370 m
Ellip. Height:	157.0926 m	WGS84 Cartesian Z:	4573098.2880 m	Ortho. Height:	114.0297 m

Station Id: GMP750N

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	01.03.2024 10:44:12	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2886436	End Time:	01.03.2024 12:33:47	Sampling Rate:	5.00 sec
Ant. Height:	1.1875 m	Duration:	01:49:35		

WGS84 Latitude:	46° 06' 16.84" N	WGS84 Cartesian X:	4171537.9385 m	Easting:	7397628.3051 m
WGS84 Longitude:	19° 40' 12.96" E	WGS84 Cartesian Y:	1491185.0550 m	Northing:	5107559.6141 m
Ellip. Height:	157.1037 m	WGS84 Cartesian Z:	4573435.4820 m	Ortho. Height:	114.0437 m

Station Id: GMP734N

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	01.03.2024 08:20:17	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2883683	End Time:	01.03.2024 09:17:52	Sampling Rate:	5.00 sec
Ant. Height:	1.3605 m	Duration:	00:57:35		

WGS84 Latitude:	46° 05' 25.99" N	WGS84 Cartesian X:	4172224.1020 m	Easting:	7398724.7476 m
WGS84 Longitude:	19° 41' 05.23" E	WGS84 Cartesian Y:	1492622.7543 m	Northing:	5105971.3643 m
Ellip. Height:	155.8105 m	WGS84 Cartesian Z:	4572345.9769 m	Ortho. Height:	112.7423 m

Station Id: GMP736

Antenna IGS Name:	LEIGS16	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS16	Start Time:	01.03.2024 08:25:28	Satellite System:	GPS/GLONASS/Galileo
Receiver Serial Number:	3713941	End Time:	01.03.2024 09:18:38	Sampling Rate:	5.00 sec
Ant. Height:	1.0995 m	Duration:	00:53:10		

WGS84 Latitude:	46° 05' 32.43" N	WGS84 Cartesian X:	4172174.8509 m	Easting:	7398476.4274 m
WGS84 Longitude:	19° 40' 53.52" E	WGS84 Cartesian Y:	1492337.8755 m	Northing:	5106174.1796 m
Ellip. Height:	156.9854 m	WGS84 Cartesian Z:	4572484.6117 m	Ortho. Height:	113.9180 m

Station Id: GMP733N

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	01.03.2024 08:26:27	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2887103	End Time:	01.03.2024 09:16:02	Sampling Rate:	5.00 sec
Ant. Height:	1.3955 m	Duration:	00:49:35		

WGS84 Latitude:	46° 05' 25.50" N	WGS84 Cartesian X:	4172225.6177 m	Easting:	7398750.4083 m
WGS84 Longitude:	19° 41' 06.44" E	WGS84 Cartesian Y:	1492650.8224 m	Northing:	5105955.6440 m
Ellip. Height:	155.6131 m	WGS84 Cartesian Z:	4572335.2276 m	Ortho. Height:	112.5448 m

Station Id: GMP737N

Antenna IGS Name:	LEIGS15	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS15	Start Time:	01.03.2024 08:30:43	Satellite System:	GPS/GLONASS/Galileo
Receiver Serial Number:	1515977	End Time:	01.03.2024 09:16:45	Sampling Rate:	5.00 sec
Ant. Height:	1.2265 m	Duration:	00:46:02		

WGS84 Latitude:	46° 05' 34.41" N	WGS84 Cartesian X:	4172150.0174 m	Easting:	7398427.9709 m
WGS84 Longitude:	19° 40' 51.21" E	WGS84 Cartesian Y:	1492276.4481 m	Northing:	5106236.0382 m
Ellip. Height:	156.8588 m	WGS84 Cartesian Z:	4572526.8571 m	Ortho. Height:	113.7916 m

Station Id: GMP745N

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	01.03.2024 09:34:37	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2887103	End Time:	01.03.2024 10:32:12	Sampling Rate:	5.00 sec
Ant. Height:	1.2925 m	Duration:	00:57:35		

WGS84 Latitude:	46° 05' 58.48" N	WGS84 Cartesian X:	4171850.7926 m	Easting:	7397830.9750 m
WGS84 Longitude:	19° 40' 22.84" E	WGS84 Cartesian Y:	1491522.2069 m	Northing:	5106989.4981 m
Ellip. Height:	156.7683 m	WGS84 Cartesian Z:	4573042.3318 m	Ortho. Height:	113.7050 m

2883683_20240301_093747000 (GMP744N ← GMP752N)

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static		
Receiver Name:	LEICA GS08plus	Start Time:	01.03.2024 09:37:47	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2883683	End Time:	01.03.2024 12:31:52		
		Duration:	02:54:05		
Static Points:	3	Auto Points:	-	Events:	-

Station Id: GMP744N

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	01.03.2024 09:37:47	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2883683	End Time:	01.03.2024 10:31:07	Sampling Rate:	5.00 sec
Ant. Height:	1.2125 m	Duration:	00:53:20		
WGS84 Latitude:	46° 05' 53.14" N	WGS84 Cartesian X:	4171955.6439 m	Easting:	7397849.5077 m
WGS84 Longitude:	19° 40' 23.83" E	WGS84 Cartesian Y:	1491582.3014 m	Northing:	5106824.0562 m
Ellip. Height:	156.7578 m	WGS84 Cartesian Z:	4572927.8328 m	Ortho. Height:	113.6934 m

Station Id: GMP749N

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	01.03.2024 10:41:17	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2883683	End Time:	01.03.2024 11:32:27	Sampling Rate:	5.00 sec
Ant. Height:	1.3245 m	Duration:	00:51:10		
WGS84 Latitude:	46° 06' 13.65" N	WGS84 Cartesian X:	4171579.9493 m	Easting:	7397699.4479 m
WGS84 Longitude:	19° 40' 16.35" E	WGS84 Cartesian Y:	1491277.3795 m	Northing:	5107460.1232 m
Ellip. Height:	156.8281 m	WGS84 Cartesian Z:	4573367.1342 m	Ortho. Height:	113.7676 m

Station Id: GMP752N

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	01.03.2024 11:46:47	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2883683	End Time:	01.03.2024 12:31:52	Sampling Rate:	5.00 sec
Ant. Height:	1.3825 m	Duration:	00:45:05		
WGS84 Latitude:	46° 06' 23.29" N	WGS84 Cartesian X:	4171432.0561 m	Easting:	7397544.3420 m
WGS84 Longitude:	19° 40' 08.90" E	WGS84 Cartesian Y:	1491054.4894 m	Northing:	5107760.3283 m
Ellip. Height:	157.0409 m	WGS84 Cartesian Z:	4573573.6074 m	Ortho. Height:	113.9821 m

Station Id: GMP748N

Antenna IGS Name:	LEIGS16	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS16	Start Time:	01.03.2024 09:45:01	Satellite System:	GPS/GLONASS/Galileo
Receiver Serial Number:	3713941	End Time:	01.03.2024 11:32:06	Sampling Rate:	5.00 sec
Ant. Height:	1.4305 m	Duration:	01:47:05		
WGS84 Latitude:	46° 06' 08.22" N	WGS84 Cartesian X:	4171689.1018 m	Easting:	7397710.8213 m
WGS84 Longitude:	19° 40' 17.01" E	WGS84 Cartesian Y:	1491331.4547 m	Northing:	5107292.1567 m
Ellip. Height:	156.9765 m	WGS84 Cartesian Z:	4573250.9257 m	Ortho. Height:	113.9149 m

Station Id: GMP747N

Antenna IGS Name:	LEIGS15	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS15	Start Time:	01.03.2024 09:45:25	Satellite System:	GPS/GLONASS/Galileo
Receiver Serial Number:	1515977	End Time:	01.03.2024 11:32:26	Sampling Rate:	5.00 sec
Ant. Height:	1.5015 m	Duration:	01:47:01		
WGS84 Latitude:	46° 06' 04.44" N	WGS84 Cartesian X:	4171746.8053 m	Easting:	7397772.1702 m
WGS84 Longitude:	19° 40' 19.96" E	WGS84 Cartesian Y:	1491419.3136 m	Northing:	5107174.3893 m
Ellip. Height:	156.6887 m	WGS84 Cartesian Z:	4573169.7810 m	Ortho. Height:	113.6264 m

Station Id: GMP751N

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	01.03.2024 10:46:47	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2887103	End Time:	01.03.2024 12:32:07	Sampling Rate:	5.00 sec
Ant. Height:	1.2795 m	Duration:	01:45:20		

WGS84 Latitude:	46° 06' 18.94" N	WGS84 Cartesian X:	4171496.2036 m	Easting:	7397622.6660 m
WGS84 Longitude:	19° 40' 12.65" E	WGS84 Cartesian Y:	1491162.9954 m	Northing:	5107624.5915 m
Ellip. Height:	157.1393 m	WGS84 Cartesian Z:	4573480.4879 m	Ortho. Height:	114.0797 m

Station Id: GMP753N

Antenna IGS Name:	LEIGS15	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS15	Start Time:	01.03.2024 11:41:22	Satellite System:	GPS/GLONASS/Galileo
Receiver Serial Number:	1515977	End Time:	01.03.2024 13:55:07	Sampling Rate:	5.00 sec
Ant. Height:	1.5715 m	Duration:	02:13:45		

WGS84 Latitude:	46° 06' 24.85" N	WGS84 Cartesian X:	4171395.9593 m	Easting:	7397555.7337 m
WGS84 Longitude:	19° 40' 09.39" E	WGS84 Cartesian Y:	1491052.8284 m	Northing:	5107808.4419 m
Ellip. Height:	157.4091 m	WGS84 Cartesian Z:	4573607.3585 m	Ortho. Height:	114.3506 m

Station Id: GMP754N

Antenna IGS Name:	LEIGS16	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS16	Start Time:	01.03.2024 11:45:20	Satellite System:	GPS/GLONASS/Galileo
Receiver Serial Number:	3713941	End Time:	01.03.2024 13:56:00	Sampling Rate:	5.00 sec
Ant. Height:	1.2495 m	Duration:	02:10:40		

WGS84 Latitude:	46° 06' 30.48" N	WGS84 Cartesian X:	4171306.1815 m	Easting:	7397475.4661 m
WGS84 Longitude:	19° 40' 05.52" E	WGS84 Cartesian Y:	1490932.4002 m	Northing:	5107983.4123 m
Ellip. Height:	157.4582 m	WGS84 Cartesian Z:	4573727.7553 m	Ortho. Height:	114.4007 m

Station Id: GMP760

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	01.03.2024 12:54:27	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2886436	End Time:	01.03.2024 13:48:37	Sampling Rate:	5.00 sec
Ant. Height:	1.4165 m	Duration:	00:54:10		

WGS84 Latitude:	46° 06' 59.17" N	WGS84 Cartesian X:	4170796.3820 m	Easting:	7397225.3080 m
WGS84 Longitude:	19° 39' 53.18" E	WGS84 Cartesian Y:	1490468.7372 m	Northing:	5108873.8150 m
Ellip. Height:	161.0730 m	WGS84 Cartesian Z:	4574344.6421 m	Ortho. Height:	118.0208 m

Station Id: GMP759

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	01.03.2024 12:56:12	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2887103	End Time:	01.03.2024 13:51:12	Sampling Rate:	5.00 sec
Ant. Height:	1.2935 m	Duration:	00:55:00		

WGS84 Latitude:	46° 06' 55.97" N	WGS84 Cartesian X:	4170866.5012 m	Easting:	7397214.8725 m
WGS84 Longitude:	19° 39' 52.77" E	WGS84 Cartesian Y:	1490484.4725 m	Northing:	5108775.1533 m
Ellip. Height:	161.2144 m	WGS84 Cartesian Z:	4574276.2392 m	Ortho. Height:	118.1616 m

Station Id: GMP758N

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	01.03.2024 12:58:52	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2883683	End Time:	01.03.2024 13:53:52	Sampling Rate:	5.00 sec
Ant. Height:	1.3685 m	Duration:	00:55:00		

WGS84 Latitude:	46° 06' 51.29" N	WGS84 Cartesian X:	4170941.3774 m	Easting:	7397287.4446 m
WGS84 Longitude:	19° 39' 56.26" E	WGS84 Cartesian Y:	1490590.8853 m	Northing:	5108629.3336 m
Ellip. Height:	164.2632 m	WGS84 Cartesian Z:	4574178.2092 m	Ortho. Height:	121.2094 m

Station Id: GMP766

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Navigated RTK
Receiver Name:	LEICA GS08plus	Start Time:	01.03.2024 14:10:07	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2886436	End Time:	01.03.2024 15:14:07	Sampling Rate:	5.00 sec
Ant. Height:	1.2325 m	Duration:	01:04:00		

WGS84 Latitude:	46° 07' 22.27" N	WGS84 Cartesian X:	4170389.3457 m	Easting:	7397002.3056 m
WGS84 Longitude:	19° 39' 42.23" E	WGS84 Cartesian Y:	1490073.7186 m	Northing:	5109590.8620 m
Ellip. Height:	157.9722 m	WGS84 Cartesian Z:	4574836.7699 m	Ortho. Height:	114.9244 m

Station Id: GMP767

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Fixed PP
Receiver Name:	LEICA GS08plus	Start Time:	01.03.2024 14:15:22	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2883683	End Time:	01.03.2024 15:10:32	Sampling Rate:	5.00 sec
Ant. Height:	0.9535 m	Duration:	00:55:10		
WGS84 Latitude:	46° 07' 26.46" N	WGS84 Cartesian X:	4170329.2956 m	Easting:	7396923.1059 m
WGS84 Longitude:	19° 39' 38.44" E	WGS84 Cartesian Y:	1489965.8369 m	Northing:	5109721.5113 m
Ellip. Height:	158.4870 m	WGS84 Cartesian Z:	4574926.7594 m	Ortho. Height:	115.4399 m

Station Id: GMP768

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	01.03.2024 14:16:42	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2887103	End Time:	01.03.2024 15:08:12	Sampling Rate:	5.00 sec
Ant. Height:	1.2335 m	Duration:	00:51:30		
WGS84 Latitude:	46° 07' 30.59" N	WGS84 Cartesian X:	4170244.7979 m	Easting:	7396920.6337 m
WGS84 Longitude:	19° 39' 38.23" E	WGS84 Cartesian Y:	1489930.7419 m	Northing:	5109849.1165 m
Ellip. Height:	159.2988 m	WGS84 Cartesian Z:	4575015.7463 m	Ortho. Height:	116.2526 m

Station Id: GMP769N

Antenna IGS Name:	LEIGS16	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS16	Start Time:	01.03.2024 14:21:20	Satellite System:	GPS/GLONASS/Galileo
Receiver Serial Number:	3713941	End Time:	01.03.2024 15:10:19	Sampling Rate:	5.00 sec
Ant. Height:	1.2845 m	Duration:	00:48:59		
WGS84 Latitude:	46° 07' 42.13" N	WGS84 Cartesian X:	4170051.3300 m	Easting:	7396788.5905 m
WGS84 Longitude:	19° 39' 31.79" E	WGS84 Cartesian Y:	1489715.0122 m	Northing:	5110207.6184 m
Ellip. Height:	162.2259 m	WGS84 Cartesian Z:	4575264.7472 m	Ortho. Height:	119.1817 m

Station Id: GMP770

Antenna IGS Name:	LEIGS15	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS15	Start Time:	01.03.2024 14:22:12	Satellite System:	GPS/GLONASS/Galileo
Receiver Serial Number:	1515977	End Time:	01.03.2024 15:08:08	Sampling Rate:	5.00 sec
Ant. Height:	1.1615 m	Duration:	00:45:56		
WGS84 Latitude:	46° 07' 45.76" N	WGS84 Cartesian X:	4169978.8414 m	Easting:	7396777.8679 m
WGS84 Longitude:	19° 39' 31.21" E	WGS84 Cartesian Y:	1489675.7213 m	Northing:	5110319.9075 m
Ellip. Height:	161.2544 m	WGS84 Cartesian Z:	4575341.7319 m	Ortho. Height:	118.2109 m

2886436_20240304_091827000 (GMP770 ← GMP778)

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static		
Receiver Name:	LEICA GS08plus	Start Time:	04.03.2024 09:18:27	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2886436	End Time:	04.03.2024 13:51:17		
		Duration:	04:32:50		
Static Points:	2	Auto Points:	-	Events:	-

Station Id: GMP770

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	04.03.2024 09:18:27	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2886436	End Time:	04.03.2024 10:25:42	Sampling Rate:	5.00 sec
Ant. Height:	1.3275 m	Duration:	01:07:15		
WGS84 Latitude:	46° 07' 45.76" N	WGS84 Cartesian X:	4169978.8414 m	Easting:	7396777.8679 m
WGS84 Longitude:	19° 39' 31.21" E	WGS84 Cartesian Y:	1489675.7213 m	Northing:	5110319.9075 m
Ellip. Height:	161.2544 m	WGS84 Cartesian Z:	4575341.7319 m	Ortho. Height:	118.2109 m

Station Id: GMP778

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	04.03.2024 10:44:37	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2886436	End Time:	04.03.2024 13:51:17	Sampling Rate:	5.00 sec
Ant. Height:	1.0105 m	Duration:	03:06:40		

WGS84 Latitude:	46° 08' 21.01" N	WGS84 Cartesian X:	4169360.3426 m	Easting:	7396441.7956 m
WGS84 Longitude:	19° 39' 14.69" E	WGS84 Cartesian Y:	1489078.3532 m	Northing:	5111414.0478 m
Ellip. Height:	163.0463 m	WGS84 Cartesian Z:	4576097.1967 m	Ortho. Height:	120.0094 m

2887103_20240304_092442000 (GMP771N ← GMP774N)

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static		
Receiver Name:	LEICA GS08plus	Start Time:	04.03.2024 09:24:42	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2887103	End Time:	04.03.2024 12:30:32		
		Duration:	03:05:50		
Static Points:	2	Auto Points:	-	Events:	-

Station Id: GMP771N

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	04.03.2024 09:24:42	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2887103	End Time:	04.03.2024 10:28:17	Sampling Rate:	5.00 sec
Ant. Height:	1.5685 m	Duration:	01:03:35		
WGS84 Latitude:	46° 07' 49.36" N	WGS84 Cartesian X:	4169925.0406 m	Easting:	7396719.2707 m
WGS84 Longitude:	19° 39' 28.39" E	WGS84 Cartesian Y:	1489592.2759 m	Northing:	5110432.1720 m
Ellip. Height:	163.3797 m	WGS84 Cartesian Z:	4575420.3711 m	Ortho. Height:	120.3368 m

Station Id: GMP774N

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	04.03.2024 10:35:52	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2887103	End Time:	04.03.2024 12:30:32	Sampling Rate:	5.00 sec
Ant. Height:	1.2405 m	Duration:	01:54:40		
WGS84 Latitude:	46° 08' 07.58" N	WGS84 Cartesian X:	4169601.9562 m	Easting:	7396555.8526 m
WGS84 Longitude:	19° 39' 20.33" E	WGS84 Cartesian Y:	1489293.2274 m	Northing:	5110997.4169 m
Ellip. Height:	164.2711 m	WGS84 Cartesian Z:	4575810.7576 m	Ortho. Height:	121.2316 m

Station Id: GMP772

Antenna IGS Name:	LEIGS15	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS15	Start Time:	04.03.2024 09:32:28	Satellite System:	GPS/GLONASS/Galileo
Receiver Serial Number:	1515977	End Time:	04.03.2024 11:31:37	Sampling Rate:	5.00 sec
Ant. Height:	1.2355 m	Duration:	01:59:09		
WGS84 Latitude:	46° 07' 54.07" N	WGS84 Cartesian X:	4169832.8003 m	Easting:	7396702.0878 m
WGS84 Longitude:	19° 39' 27.47" E	WGS84 Cartesian Y:	1489538.4705 m	Northing:	5110577.9261 m
Ellip. Height:	163.2215 m	WGS84 Cartesian Z:	4575521.0521 m	Ortho. Height:	120.1796 m

Station Id: GMP773N

Antenna IGS Name:	LEIGS16	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS16	Start Time:	04.03.2024 09:39:54	Satellite System:	GPS/GLONASS/Galileo
Receiver Serial Number:	3713941	End Time:	04.03.2024 11:30:42	Sampling Rate:	5.00 sec
Ant. Height:	1.4675 m	Duration:	01:50:48		
WGS84 Latitude:	46° 07' 58.60" N	WGS84 Cartesian X:	4169763.4350 m	Easting:	7396630.7649 m
WGS84 Longitude:	19° 39' 24.04" E	WGS84 Cartesian Y:	1489435.4404 m	Northing:	5110718.8294 m
Ellip. Height:	164.2612 m	WGS84 Cartesian Z:	4575618.5998 m	Ortho. Height:	121.2200 m

Station Id: GMP776

Antenna IGS Name:	LEIGS16	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS16	Start Time:	04.03.2024 11:39:19	Satellite System:	GPS/GLONASS/Galileo
Receiver Serial Number:	3713941	End Time:	04.03.2024 12:45:01	Sampling Rate:	5.00 sec
Ant. Height:	1.2175 m	Duration:	01:05:42		
WGS84 Latitude:	46° 08' 14.19" N	WGS84 Cartesian X:	4169480.0125 m	Easting:	7396509.0325 m
WGS84 Longitude:	19° 39' 17.99" E	WGS84 Cartesian Y:	1489196.2843 m	Northing:	5111202.3105 m
Ellip. Height:	163.8235 m	WGS84 Cartesian Z:	4575951.8475 m	Ortho. Height:	120.7853 m

Station Id: GMP779N

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Fixed PP

Receiver Name:	LEICA GS08plus	Start Time:	04.03.2024 12:55:07	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2883683	End Time:	04.03.2024 13:46:02	Sampling Rate:	5.00 sec
Ant. Height:	1.3465 m	Duration:	00:50:55		
WGS84 Latitude:	46° 08' 30.76" N	WGS84 Cartesian X:	4169198.1987 m	Easting:	7396322.4753 m
WGS84 Longitude:	19° 39' 08.89" E	WGS84 Cartesian Y:	1488888.3093 m	Northing:	5111717.3454 m
Ellip. Height:	163.8963 m	WGS84 Cartesian Z:	4576306.5341 m	Ortho. Height:	120.8611 m

Station Id: GMP780N

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Fixed PP
Receiver Name:	LEICA GS08plus	Start Time:	04.03.2024 12:57:52	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2887103	End Time:	04.03.2024 14:56:12	Sampling Rate:	5.00 sec
Ant. Height:	1.3885 m	Duration:	01:58:20		
WGS84 Latitude:	46° 08' 34.63" N	WGS84 Cartesian X:	4169126.6767 m	Easting:	7396296.5331 m
WGS84 Longitude:	19° 39' 07.59" E	WGS84 Cartesian Y:	1488833.0659 m	Northing:	5111837.3345 m
Ellip. Height:	164.2663 m	WGS84 Cartesian Z:	4576389.6218 m	Ortho. Height:	121.2319 m

Station Id: GMP781N

Antenna IGS Name:	LEIGS16	Occupation Mode:	Static	Point Role:	Fixed PP
Receiver Name:	LEICA GS16	Start Time:	04.03.2024 13:01:25	Satellite System:	GPS/GLONASS/Galileo
Receiver Serial Number:	3713941	End Time:	04.03.2024 14:59:05	Sampling Rate:	5.00 sec
Ant. Height:	1.3785 m	Duration:	01:57:40		
WGS84 Latitude:	46° 08' 37.68" N	WGS84 Cartesian X:	4169076.7298 m	Easting:	7396255.8633 m
WGS84 Longitude:	19° 39' 05.62" E	WGS84 Cartesian Y:	1488770.3431 m	Northing:	5111932.1899 m
Ellip. Height:	163.9200 m	WGS84 Cartesian Z:	4576454.6068 m	Ortho. Height:	120.8862 m

2883683_20240304_135836999 (GMP782 ← GMP785N)

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static		
Receiver Name:	LEICA GS08plus	Start Time:	04.03.2024 13:58:37	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2883683	End Time:	04.03.2024 16:18:57		
		Duration:	02:20:20		
Static Points:	2	Auto Points:	-	Events:	-

Station Id: GMP782

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Fixed PP
Receiver Name:	LEICA GS08plus	Start Time:	04.03.2024 13:58:37	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2883683	End Time:	04.03.2024 15:01:17	Sampling Rate:	5.00 sec
Ant. Height:	1.1505 m	Duration:	01:02:40		
WGS84 Latitude:	46° 08' 41.10" N	WGS84 Cartesian X:	4169007.2790 m	Easting:	7396249.8697 m
WGS84 Longitude:	19° 39' 05.26" E	WGS84 Cartesian Y:	1488737.2796 m	Northing:	5112037.6917 m
Ellip. Height:	163.1516 m	WGS84 Cartesian Z:	4576527.0688 m	Ortho. Height:	120.1185 m

Station Id: GMP785N

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Fixed PP
Receiver Name:	LEICA GS08plus	Start Time:	04.03.2024 15:16:47	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2883683	End Time:	04.03.2024 16:18:57	Sampling Rate:	5.00 sec
Ant. Height:	1.3255 m	Duration:	01:02:10		
WGS84 Latitude:	46° 08' 51.50" N	WGS84 Cartesian X:	4168842.7313 m	Easting:	7396097.3226 m
WGS84 Longitude:	19° 38' 57.90" E	WGS84 Cartesian Y:	1488510.7289 m	Northing:	5112361.5977 m
Ellip. Height:	163.9084 m	WGS84 Cartesian Z:	4576750.1997 m	Ortho. Height:	120.8771 m

Station Id: GMP783N

Antenna IGS Name:	LEIGS15	Occupation Mode:	Static	Point Role:	Fixed PP
Receiver Name:	LEICA GS15	Start Time:	04.03.2024 14:04:31	Satellite System:	GPS/GLONASS/Galileo
Receiver Serial Number:	1515977	End Time:	04.03.2024 16:16:29	Sampling Rate:	5.00 sec
Ant. Height:	1.3515 m	Duration:	02:11:58		
WGS84 Latitude:	46° 08' 45.92" N	WGS84 Cartesian X:	4168935.4130 m	Easting:	7396166.9117 m
WGS84 Longitude:	19° 39' 01.28" E	WGS84 Cartesian Y:	1488620.8328 m	Northing:	5112188.0449 m
Ellip. Height:	163.9458 m	WGS84 Cartesian Z:	4576630.8218 m	Ortho. Height:	120.9135 m

2886436_20240304_140921999 (GMP784N ← GMP789)

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static		
Receiver Name:	LEICA GS08plus	Start Time:	04.03.2024 14:09:22	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2886436	End Time:	04.03.2024 17:22:32		
		Duration:	03:13:10		
Static Points:	2	Auto Points:	-	Events:	-

Station Id: GMP784N

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Fixed PP
Receiver Name:	LEICA GS08plus	Start Time:	04.03.2024 14:09:22	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2886436	End Time:	04.03.2024 16:17:37	Sampling Rate:	5.00 sec
Ant. Height:	1.5135 m	Duration:	02:08:15		
WGS84 Latitude:	46° 08' 48.05" N	WGS84 Cartesian X:	4168896.0876 m	Easting:	7396152.7943 m
WGS84 Longitude:	19° 39' 00.57" E	WGS84 Cartesian Y:	1488590.6127 m	Northing:	5112254.0698 m
Ellip. Height:	164.2845 m	WGS84 Cartesian Z:	4576676.6372 m	Ortho. Height:	121.2526 m

Station Id: GMP789

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Fixed PP
Receiver Name:	LEICA GS08plus	Start Time:	04.03.2024 16:28:02	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2886436	End Time:	04.03.2024 17:22:32	Sampling Rate:	5.00 sec
Ant. Height:	1.1245 m	Duration:	00:54:30		
WGS84 Latitude:	46° 09' 11.78" N	WGS84 Cartesian X:	4168509.9330 m	Easting:	7395829.7059 m
WGS84 Longitude:	19° 38' 44.93" E	WGS84 Cartesian Y:	1488096.3994 m	Northing:	5112992.4620 m
Ellip. Height:	162.2874 m	WGS84 Cartesian Z:	4577182.8604 m	Ortho. Height:	119.2598 m

Station Id: GMP786N

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Fixed PP
Receiver Name:	LEICA GS08plus	Start Time:	04.03.2024 15:25:12	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2887103	End Time:	04.03.2024 17:31:02	Sampling Rate:	5.00 sec
Ant. Height:	1.3405 m	Duration:	02:05:50		
WGS84 Latitude:	46° 08' 59.15" N	WGS84 Cartesian X:	4168716.1404 m	Easting:	7396001.4312 m
WGS84 Longitude:	19° 38' 53.24" E	WGS84 Cartesian Y:	1488359.4322 m	Northing:	5112599.4908 m
Ellip. Height:	164.2871 m	WGS84 Cartesian Z:	4576914.1314 m	Ortho. Height:	121.2572 m

Station Id: GMP787N

Antenna IGS Name:	LEIGS16	Occupation Mode:	Static	Point Role:	Fixed PP
Receiver Name:	LEICA GS16	Start Time:	04.03.2024 15:31:19	Satellite System:	GPS/GLONASS/Galileo
Receiver Serial Number:	3713941	End Time:	04.03.2024 17:28:56	Sampling Rate:	5.00 sec
Ant. Height:	1.2225 m	Duration:	01:57:37		
WGS84 Latitude:	46° 09' 03.90" N	WGS84 Cartesian X:	4168642.2564 m	Easting:	7395926.7881 m
WGS84 Longitude:	19° 38' 49.64" E	WGS84 Cartesian Y:	1488251.1372 m	Northing:	5112747.3663 m
Ellip. Height:	163.8791 m	WGS84 Cartesian Z:	4577015.3872 m	Ortho. Height:	120.8500 m

Station Id: GMP788

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Fixed PP
Receiver Name:	LEICA GS08plus	Start Time:	04.03.2024 16:27:37	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2883683	End Time:	04.03.2024 17:25:17	Sampling Rate:	5.00 sec
Ant. Height:	1.0705 m	Duration:	00:57:40		
WGS84 Latitude:	46° 09' 07.87" N	WGS84 Cartesian X:	4168596.4799 m	Easting:	7395815.6945 m
WGS84 Longitude:	19° 38' 44.37" E	WGS84 Cartesian Y:	1488114.5989 m	Northing:	5112871.9543 m
Ellip. Height:	163.0938 m	WGS84 Cartesian Z:	4577099.8078 m	Ortho. Height:	120.0654 m

Station Id: GMP790

Antenna IGS Name:	LEIGS15	Occupation Mode:	Static	Point Role:	Fixed PP
Receiver Name:	LEICA GS15	Start Time:	04.03.2024 16:34:34	Satellite System:	GPS/GLONASS/Galileo
Receiver Serial Number:	1515977	End Time:	04.03.2024 17:20:44	Sampling Rate:	5.00 sec
Ant. Height:	1.2335 m	Duration:	00:46:10		

WGS84 Latitude:	46° 09' 15.04" N	WGS84 Cartesian X:	4168488.0600 m	Easting:	7395695.3090 m
WGS84 Longitude:	19° 38' 38.58" E	WGS84 Cartesian Y:	1487944.0438 m	Northing:	5113095.4991 m
Ellip. Height:	163.4831 m	WGS84 Cartesian Z:	4577253.5030 m	Ortho. Height:	120.4559 m

Station Id: GMP743N

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Fixed PP
Receiver Name:	LEICA GS08plus	Start Time:	04.03.2024 17:57:57	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2886436	End Time:	04.03.2024 19:11:02	Sampling Rate:	5.00 sec
Ant. Height:	1.2965 m	Duration:	01:13:05		

WGS84 Latitude:	46° 05' 53.69" N	WGS84 Cartesian X:	4171928.8735 m	Easting:	7397895.4164 m
WGS84 Longitude:	19° 40' 25.96" E	WGS84 Cartesian Y:	1491621.1906 m	Northing:	5106840.3346 m
Ellip. Height:	156.9938 m	WGS84 Cartesian Z:	4572939.8197 m	Ortho. Height:	113.9295 m

Station Id: GMP742N

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	04.03.2024 18:11:17	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2887103	End Time:	04.03.2024 19:14:07	Sampling Rate:	5.00 sec
Ant. Height:	1.1765 m	Duration:	01:02:50		

WGS84 Latitude:	46° 05' 51.22" N	WGS84 Cartesian X:	4171961.6628 m	Easting:	7397950.7463 m
WGS84 Longitude:	19° 40' 28.59" E	WGS84 Cartesian Y:	1491693.0339 m	Northing:	5106763.0603 m
Ellip. Height:	157.0740 m	WGS84 Cartesian Z:	4572886.9392 m	Ortho. Height:	114.0094 m

Station Id: GMP744N

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	04.03.2024 18:13:27	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2883683	End Time:	04.03.2024 19:11:07	Sampling Rate:	5.00 sec
Ant. Height:	1.0635 m	Duration:	00:57:40		

WGS84 Latitude:	46° 05' 53.14" N	WGS84 Cartesian X:	4171955.6439 m	Easting:	7397849.5077 m
WGS84 Longitude:	19° 40' 23.83" E	WGS84 Cartesian Y:	1491582.3014 m	Northing:	5106824.0562 m
Ellip. Height:	156.7578 m	WGS84 Cartesian Z:	4572927.8328 m	Ortho. Height:	113.6934 m

Station Id: GMP741N

Antenna IGS Name:	LEIGS16	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS16	Start Time:	04.03.2024 18:20:30	Satellite System:	GPS/GLONASS/Galileo
Receiver Serial Number:	3713941	End Time:	04.03.2024 19:16:46	Sampling Rate:	5.00 sec
Ant. Height:	1.2825 m	Duration:	00:56:16		

WGS84 Latitude:	46° 05' 49.14" N	WGS84 Cartesian X:	4172008.1381 m	Easting:	7397940.8083 m
WGS84 Longitude:	19° 40' 28.18" E	WGS84 Cartesian Y:	1491700.2298 m	Northing:	5106699.0778 m
Ellip. Height:	157.0320 m	WGS84 Cartesian Z:	4572842.4320 m	Ortho. Height:	113.9670 m

Station Id: GMP745N

Antenna IGS Name:	LEIGS15	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS15	Start Time:	04.03.2024 18:27:37	Satellite System:	GPS/GLONASS/Galileo
Receiver Serial Number:	1515977	End Time:	04.03.2024 19:06:37	Sampling Rate:	5.00 sec
Ant. Height:	1.2805 m	Duration:	00:39:00		

WGS84 Latitude:	46° 05' 58.48" N	WGS84 Cartesian X:	4171850.7926 m	Easting:	7397830.9750 m
WGS84 Longitude:	19° 40' 22.84" E	WGS84 Cartesian Y:	1491522.2069 m	Northing:	5106989.4981 m
Ellip. Height:	156.7683 m	WGS84 Cartesian Z:	4573042.3318 m	Ortho. Height:	113.7050 m

2883683_20240305_075642000 (GMP771N ← GMP774N)

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static		
Receiver Name:	LEICA GS08plus	Start Time:	05.03.2024 07:56:42	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2883683	End Time:	05.03.2024 10:15:27		
		Duration:	02:18:45		
Static Points:	2	Auto Points:	-	Events:	-

Station Id: GMP771N

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged

Receiver Name:	LEICA GS08plus	Start Time:	05.03.2024 07:56:42	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2883683	End Time:	05.03.2024 08:54:37	Sampling Rate:	5.00 sec
Ant. Height:	1.4395 m	Duration:	00:57:55		
WGS84 Latitude:	46° 07' 49.36" N	WGS84 Cartesian X:	4169925.0406 m	Easting:	7396719.2707 m
WGS84 Longitude:	19° 39' 28.39" E	WGS84 Cartesian Y:	1489592.2759 m	Northing:	5110432.1720 m
Ellip. Height:	163.3797 m	WGS84 Cartesian Z:	4575420.3711 m	Ortho. Height:	120.3368 m

Station Id: GMP774N

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	05.03.2024 09:03:07	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2883683	End Time:	05.03.2024 10:15:27	Sampling Rate:	5.00 sec
Ant. Height:	1.4135 m	Duration:	01:12:20		
WGS84 Latitude:	46° 08' 07.58" N	WGS84 Cartesian X:	4169601.9562 m	Easting:	7396555.8526 m
WGS84 Longitude:	19° 39' 20.33" E	WGS84 Cartesian Y:	1489293.2274 m	Northing:	5110997.4169 m
Ellip. Height:	164.2711 m	WGS84 Cartesian Z:	4575810.7576 m	Ortho. Height:	121.2316 m

2886436_20240305_080007000 (GMP770 ← GMP797)

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static		
Receiver Name:	LEICA GS08plus	Start Time:	05.03.2024 08:00:07	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2886436	End Time:	05.03.2024 12:51:27		
		Duration:	04:51:20		
Static Points:	4	Auto Points:	-	Events:	-

Station Id: GMP770

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	05.03.2024 08:00:07	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2886436	End Time:	05.03.2024 08:53:07	Sampling Rate:	5.00 sec
Ant. Height:	1.1305 m	Duration:	00:53:00		
WGS84 Latitude:	46° 07' 45.76" N	WGS84 Cartesian X:	4169978.8414 m	Easting:	7396777.8679 m
WGS84 Longitude:	19° 39' 31.21" E	WGS84 Cartesian Y:	1489675.7213 m	Northing:	5110319.9075 m
Ellip. Height:	161.2544 m	WGS84 Cartesian Z:	4575341.7319 m	Ortho. Height:	118.2109 m

Station Id: GMP773N

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	05.03.2024 09:01:07	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2886436	End Time:	05.03.2024 10:13:17	Sampling Rate:	5.00 sec
Ant. Height:	1.4035 m	Duration:	01:12:10		
WGS84 Latitude:	46° 07' 58.60" N	WGS84 Cartesian X:	4169763.4350 m	Easting:	7396630.7649 m
WGS84 Longitude:	19° 39' 24.04" E	WGS84 Cartesian Y:	1489435.4404 m	Northing:	5110718.8294 m
Ellip. Height:	164.2612 m	WGS84 Cartesian Z:	4575618.5998 m	Ortho. Height:	121.2200 m

Station Id: GMP778

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	05.03.2024 10:25:22	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2886436	End Time:	05.03.2024 11:16:27	Sampling Rate:	5.00 sec
Ant. Height:	1.2455 m	Duration:	00:51:05		
WGS84 Latitude:	46° 08' 21.01" N	WGS84 Cartesian X:	4169360.3426 m	Easting:	7396441.7956 m
WGS84 Longitude:	19° 39' 14.69" E	WGS84 Cartesian Y:	1489078.3532 m	Northing:	5111414.0478 m
Ellip. Height:	163.0463 m	WGS84 Cartesian Z:	4576097.1967 m	Ortho. Height:	120.0094 m

Station Id: GMP797

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Fixed PP
Receiver Name:	LEICA GS08plus	Start Time:	05.03.2024 11:32:52	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2886436	End Time:	05.03.2024 12:51:27	Sampling Rate:	5.00 sec
Ant. Height:	1.1445 m	Duration:	01:18:35		
WGS84 Latitude:	46° 09' 42.97" N	WGS84 Cartesian X:	4168050.9938 m	Easting:	7395272.5962 m
WGS84 Longitude:	19° 38' 18.19" E	WGS84 Cartesian Y:	1487323.5160 m	Northing:	5113965.0077 m
Ellip. Height:	165.8302 m	WGS84 Cartesian Z:	4577852.3927 m	Ortho. Height:	122.8080 m

2887103_20240305_080541999 (GMP769N ← GMP779N)

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static		
Receiver Name:	LEICA GS08plus	Start Time:	05.03.2024 08:05:42	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2887103	End Time:	05.03.2024 11:19:22		
		Duration:	03:13:40		
Static Points:	3	Auto Points:	-	Events:	-

Station Id: GMP769N

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	05.03.2024 08:05:42	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2887103	End Time:	05.03.2024 08:51:07	Sampling Rate:	5.00 sec
Ant. Height:	1.4805 m	Duration:	00:45:25		
WGS84 Latitude:	46° 07' 42.13" N	WGS84 Cartesian X:	4170051.3300 m	Easting:	7396788.5905 m
WGS84 Longitude:	19° 39' 31.79" E	WGS84 Cartesian Y:	1489715.0122 m	Northing:	5110207.6184 m
Ellip. Height:	162.2259 m	WGS84 Cartesian Z:	4575264.7472 m	Ortho. Height:	119.1817 m

Station Id: GMP775

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	05.03.2024 09:09:37	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2887103	End Time:	05.03.2024 10:17:27	Sampling Rate:	5.00 sec
Ant. Height:	1.1775 m	Duration:	01:07:50		
WGS84 Latitude:	46° 08' 10.12" N	WGS84 Cartesian X:	4169565.9350 m	Easting:	7396502.4180 m
WGS84 Longitude:	19° 39' 17.78" E	WGS84 Cartesian Y:	1489222.2018 m	Northing:	5111076.8972 m
Ellip. Height:	162.5863 m	WGS84 Cartesian Z:	4575863.9857 m	Ortho. Height:	119.5473 m

Station Id: GMP779N

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Fixed PP
Receiver Name:	LEICA GS08plus	Start Time:	05.03.2024 10:28:37	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2887103	End Time:	05.03.2024 11:19:22	Sampling Rate:	5.00 sec
Ant. Height:	1.7575 m	Duration:	00:50:45		
WGS84 Latitude:	46° 08' 30.76" N	WGS84 Cartesian X:	4169198.1987 m	Easting:	7396322.4753 m
WGS84 Longitude:	19° 39' 08.89" E	WGS84 Cartesian Y:	1488888.3093 m	Northing:	5111717.3454 m
Ellip. Height:	163.8963 m	WGS84 Cartesian Z:	4576306.5341 m	Ortho. Height:	120.8611 m

Station Id: GMP777

Antenna IGS Name:	LEIGS16	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS16	Start Time:	05.03.2024 09:20:19	Satellite System:	GPS/GLONASS/Galileo
Receiver Serial Number:	3713941	End Time:	05.03.2024 11:15:46	Sampling Rate:	5.00 sec
Ant. Height:	1.1295 m	Duration:	01:55:27		
WGS84 Latitude:	46° 08' 17.90" N	WGS84 Cartesian X:	4169430.0674 m	Easting:	7396426.1304 m
WGS84 Longitude:	19° 39' 14.04" E	WGS84 Cartesian Y:	1489088.3405 m	Northing:	5111318.4639 m
Ellip. Height:	162.9338 m	WGS84 Cartesian Z:	4576030.7093 m	Ortho. Height:	119.8962 m

Station Id: GMP776

Antenna IGS Name:	LEIGS15	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS15	Start Time:	05.03.2024 09:27:44	Satellite System:	GPS/GLONASS/Galileo
Receiver Serial Number:	1515977	End Time:	05.03.2024 11:13:46	Sampling Rate:	5.00 sec
Ant. Height:	1.2685 m	Duration:	01:46:02		
WGS84 Latitude:	46° 08' 14.19" N	WGS84 Cartesian X:	4169480.0125 m	Easting:	7396509.0325 m
WGS84 Longitude:	19° 39' 17.99" E	WGS84 Cartesian Y:	1489196.2843 m	Northing:	5111202.3105 m
Ellip. Height:	163.8235 m	WGS84 Cartesian Z:	4575951.8475 m	Ortho. Height:	120.7853 m

Station Id: GMP796

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Navigated RTK
Receiver Name:	LEICA GS08plus	Start Time:	05.03.2024 11:43:07	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2883683	End Time:	05.03.2024 12:48:17	Sampling Rate:	5.00 sec
Ant. Height:	1.2955 m	Duration:	01:05:10		

WGS84 Latitude:	46° 09' 37.37" N	WGS84 Cartesian X:	4168154.4291 m	Easting:	7395310.0476 m
WGS84 Longitude:	19° 38' 20.08" E	WGS84 Cartesian Y:	1487403.3368 m	Northing:	5113791.6401 m
Ellip. Height:	165.3636 m	WGS84 Cartesian Z:	4577732.4370 m	Ortho. Height:	122.3403 m

Station Id: GMP798

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	05.03.2024 11:54:02	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2887103	End Time:	05.03.2024 14:33:32	Sampling Rate:	5.00 sec
Ant. Height:	1.4145 m	Duration:	02:39:30		

WGS84 Latitude:	46° 09' 44.29" N	WGS84 Cartesian X:	4168051.3952 m	Easting:	7395190.4979 m
WGS84 Longitude:	19° 38' 14.33" E	WGS84 Cartesian Y:	1487235.7353 m	Northing:	5114007.2137 m
Ellip. Height:	166.2659 m	WGS84 Cartesian Z:	4577880.9614 m	Ortho. Height:	123.2438 m

Station Id: GMP801

Antenna IGS Name:	LEIGS08PLUS	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS08plus	Start Time:	05.03.2024 12:58:42	Satellite System:	GPS/GLONASS
Receiver Serial Number:	2886436	End Time:	05.03.2024 15:36:07	Sampling Rate:	5.00 sec
Ant. Height:	1.2195 m	Duration:	02:37:25		

WGS84 Latitude:	46° 09' 55.39" N	WGS84 Cartesian X:	4167866.5564 m	Easting:	7395052.4695 m
WGS84 Longitude:	19° 38' 07.62" E	WGS84 Cartesian Y:	1487016.9676 m	Northing:	5114352.4622 m
Ellip. Height:	165.8142 m	WGS84 Cartesian Z:	4578118.0810 m	Ortho. Height:	122.7941 m

Station Id: GMP800

Antenna IGS Name:	LEIGS16	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS16	Start Time:	05.03.2024 13:03:19	Satellite System:	GPS/GLONASS/Galileo
Receiver Serial Number:	3713941	End Time:	05.03.2024 15:37:06	Sampling Rate:	5.00 sec
Ant. Height:	1.2915 m	Duration:	02:33:47		

WGS84 Latitude:	46° 09' 51.27" N	WGS84 Cartesian X:	4167945.4876 m	Easting:	7395072.8130 m
WGS84 Longitude:	19° 38' 08.67" E	WGS84 Cartesian Y:	1487069.0505 m	Northing:	5114224.8578 m
Ellip. Height:	165.9041 m	WGS84 Cartesian Z:	4578030.0231 m	Ortho. Height:	122.8833 m

Station Id: GMP799N

Antenna IGS Name:	LEIGS15	Occupation Mode:	Static	Point Role:	Fixed PP
Receiver Name:	LEICA GS15	Start Time:	05.03.2024 13:43:01	Satellite System:	GPS/GLONASS/Galileo
Receiver Serial Number:	1515977	End Time:	05.03.2024 14:32:38	Sampling Rate:	5.00 sec
Ant. Height:	1.3585 m	Duration:	00:49:37		

WGS84 Latitude:	46° 09' 47.56" N	WGS84 Cartesian X:	4167994.7544 m	Easting:	7395159.4084 m
WGS84 Longitude:	19° 38' 12.80" E	WGS84 Cartesian Y:	1487180.6733 m	Northing:	5114108.7082 m
Ellip. Height:	167.6572 m	WGS84 Cartesian Z:	4577951.8823 m	Ortho. Height:	124.6357 m

Station Id: GMP802

Antenna IGS Name:	LEIGS15	Occupation Mode:	Static	Point Role:	Averaged
Receiver Name:	LEICA GS15	Start Time:	05.03.2024 14:44:02	Satellite System:	GPS/GLONASS/Galileo
Receiver Serial Number:	1515977	End Time:	05.03.2024 15:31:47	Sampling Rate:	5.00 sec
Ant. Height:	1.2285 m	Duration:	00:47:45		

WGS84 Latitude:	46° 10' 06.03" N	WGS84 Cartesian X:	4167710.2382 m	Easting:	7394859.3849 m
WGS84 Longitude:	19° 37' 58.36" E	WGS84 Cartesian Y:	1486750.1721 m	Northing:	5114684.3141 m
Ellip. Height:	165.9321 m	WGS84 Cartesian Z:	4578345.6639 m	Ortho. Height:	122.9140 m

6. IZVEŠTAJ O PROCESIRANJU GNSS VEKTORA

Leica Geosystems AG
Heinrich Wild Strasse
CH-9435 Heerbrugg
St. Gallen, Switzerland

Phone: + 41 71 727 3131
Fax: + 41 71 727 4674

- when it has to be right

GNSS Observations Report

Report created: 13.03.2024 13:50:15

Project Details

General		Customer Details		Master Coordinate System	
Project Name:	PRUGA_KARIN KOMERC	Customer Name:	-	Coordinate System Name:	0448 NS-Sub
Owner:	-	Contact Person:	-	Transformation Type:	Classical 3D
Lead Surveyor:	-	Number:	-	Residual Distribution:	None
Date Created:	03.03.2024 12:30:22	Email:	-	Ellipsoid:	Bessel
Last Accessed:	13.03.2024 13:49:30	Skype:	-	Projection Type:	Transverse Mercator
Application Software:	Infinity 4.0.0	Website:	-	Geoid Model:	-
				CSCS Model:	-

Path: C:\Users\TOP-PC\Documents\Leica Geosystems\Infinity\Projects\PRUGA_KARIN KOMERC\PRUGA_KARIN KOMERC.iprj
Size: 207.5 MB
Comments: -

Station Id: GMP644

Date/Time:	23.02.2024 10:17:32	WGS84 Latitude:	45° 59' 01.59" N	Easting:	7397740.7977 m
Point Role:	Navigated RTK	WGS84 Longitude:	19° 40' 28.61" E	Northing:	5094117.2912 m
Station Ant. Height:	1.3265 m	Ellip. Height:	145.7553 m	Height:	102.6083 m

Time Settings
Time Format: HH:mm:ss
Time System: Local Time
Leap Seconds: 18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP646	1.4205	-206.2237	-31.7261	200.2816	289.2187	1.7 - 2.2	1.3 - 1.7	0.7 - 0.9	1.2 - 1.4	23.02.2024 10:27:57	23.02.2024 11:27:17	00:59:20
2	GMP645	1.2315	-101.1145	32.0883	83.8667	135.2310	1.7 - 2.2	1.3 - 1.7	0.7 - 0.9	1.2 - 1.4	23.02.2024 10:29:22	23.02.2024 11:27:17	00:57:55

Station Id: GMP645

Date/Time:	23.02.2024 10:29:22	WGS84 Latitude:	45° 59' 05.45" N	Easting:	7397807.0234 m
Point Role:	Fixed PP	WGS84 Longitude:	19° 40' 31.60" E	Northing:	5094235.1828 m
Station Ant. Height:	1.2315 m	Ellip. Height:	147.4170 m	Height:	104.2708 m

Time Settings
Time Format: HH:mm:ss
Time System: Local Time
Leap Seconds: 18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP647N	1.4055	-201.2241	-53.9529	203.2552	291.0580	1.7 - 3.5	1.3 - 2.5	0.7 - 1.3	1.2 - 2.2	23.02.2024 10:36:52	23.02.2024 12:25:02	01:48:10
2	GMP646	1.4205	-105.1098	-63.8143	116.4145	169.3301	1.7 - 2.2	1.3 - 1.7	0.7 - 0.9	1.2 - 1.4	23.02.2024 10:27:57	23.02.2024 11:27:17	00:59:20

Station Id: GMP646

Date/Time:	23.02.2024 10:27:57	WGS84 Latitude:	45° 59' 10.87" N	Easting:	7397785.1103 m
Point Role:	Averaged	WGS84 Longitude:	19° 40' 30.45" E	Northing:	5094403.0872 m
Station Ant. Height:	1.4205 m	Ellip. Height:	147.4392 m	Height:	104.2941 m

Time Settings

Time Format: HH:mm:ss
Time System: Local Time
Leap Seconds: 18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP647N	1.4055	-96.1149	9.8614	86.8423	129.9111	1.9 - 3.4	1.5 - 2.5	0.8 - 1.3	1.2 - 2.1	23.02.2024 10:36:52	23.02.2024 12:25:02	01:48:10
2	GMP648	1.0305	-174.7430	-29.2387	168.6873	244.6333	1.8 - 2.2	1.4 - 1.7	0.7 - 0.9	1.2 - 1.4	23.02.2024 10:41:50	23.02.2024 12:25:19	01:43:29

Station Id: GMP649N

Date/Time: 23.02.2024 11:39:12
Point Role: Averaged
Station Ant. Height: 1.2745 m
WGS84 Latitude: 45° 59' 22.90" N
WGS84 Longitude: 19° 40' 33.63" E
Ellip. Height: 149.1723 m
Easting: 7397859.7472 m
Northing: 5094773.3823 m
Height: 106.0296 m

Time Settings

Time Format: HH:mm:ss
Time System: Local Time
Leap Seconds: 18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP651N	1.3505	-146.9777	-29.3322	142.5268	206.8254	1.8 - 3.3	1.4 - 2.3	0.7 - 1.0	1.2 - 2.1	23.02.2024 11:39:52	23.02.2024 13:25:22	01:45:30
2	GMP650	1.3405	-83.9287	-43.7319	87.4791	128.8763	1.8 - 2.4	1.4 - 1.7	0.7 - 0.9	1.2 - 1.5	23.02.2024 11:35:22	23.02.2024 13:25:17	01:49:55

Station Id: GMP647N

Date/Time: 23.02.2024 10:36:52
Point Role: Averaged
Station Ant. Height: 1.4055 m
WGS84 Latitude: 45° 59' 14.86" N
WGS84 Longitude: 19° 40' 32.39" E
Ellip. Height: 149.3172 m
Easting: 7397828.7943 m
Northing: 5094525.4167 m
Height: 106.1729 m

Time Settings

Time Format: HH:mm:ss
Time System: Local Time
Leap Seconds: 18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP648	1.0305	-78.6368	-39.1018	81.8225	120.0318	1.6 - 2.3	1.3 - 1.7	0.6 - 0.9	1.1 - 1.5	23.02.2024 10:41:50	23.02.2024 12:25:19	01:43:29
2	GMP649N	1.2745	-177.3813	-34.9318	172.5141	249.8909	1.9 - 2.4	1.5 - 1.7	0.7 - 0.9	1.2 - 1.5	23.02.2024 11:39:12	23.02.2024 12:25:17	00:46:05

Station Id: GMP648

Date/Time: 23.02.2024 10:41:50
Point Role: Averaged
Station Ant. Height: 1.0305 m
WGS84 Latitude: 45° 59' 18.73" N
WGS84 Longitude: 19° 40' 31.91" E
Ellip. Height: 147.5899 m
Easting: 7397820.4384 m
Northing: 5094645.1524 m
Height: 104.4464 m

Time Settings

Time Format: HH:mm:ss
Time System: Local Time
Leap Seconds: 18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP650	1.3405	-182.6746	-39.5621	178.1703	258.2244	1.8 - 2.2	1.4 - 1.7	0.7 - 0.8	1.2 - 1.5	23.02.2024 11:35:22	23.02.2024 13:25:17	01:49:55
2	GMP649N	1.2745	-98.7459	4.1697	90.6912	134.1381	1.8 - 2.4	1.4 - 1.7	0.7 - 0.9	1.2 - 1.5	23.02.2024 11:39:12	23.02.2024 12:25:17	00:46:05

Station Id: GMP650

Date/Time:	23.02.2024 11:35:22	WGS84 Latitude:	45° 59' 27.06" N	Easting:	7397848.9577 m
Point Role:	Averaged	WGS84 Longitude:	19° 40' 33.03" E	Northing:	5094901.7932 m
Station Ant. Height:	1.3405 m	Ellip. Height:	146.9674 m	Height:	103.8256 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP652	1.2515	-183.6710	-35.0968	178.8163	258.7317	1.8 - 3.3	1.3 - 2.4	0.8 - 1.2	1.0 - 2.0	23.02.2024 12:34:57	23.02.2024 13:25:12	00:50:15
2	GMP651N	1.3505	-63.0496	14.4022	55.0468	84.9283	1.7 - 3.0	1.3 - 2.2	0.7 - 1.1	1.0 - 1.8	23.02.2024 11:39:52	23.02.2024 13:25:22	01:45:30

Station Id: GMP651N

Date/Time:	23.02.2024 11:39:52	WGS84 Latitude:	45° 59' 29.56" N	Easting:	7397885.0286 m
Point Role:	Averaged	WGS84 Longitude:	19° 40' 34.65" E	Northing:	5094978.6605 m
Station Ant. Height:	1.3505 m	Ellip. Height:	148.6804 m	Height:	105.5391 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP652	1.2515	-120.6193	-49.4967	123.7738	179.7745	1.8 - 3.3	1.3 - 2.4	0.8 - 1.2	1.0 - 2.0	23.02.2024 12:34:57	23.02.2024 13:25:12	00:50:15
2	GMP653	1.4025	-195.4302	-29.6470	186.9541	272.0730	1.7 - 3.1	1.3 - 2.2	0.7 - 1.1	1.0 - 1.8	23.02.2024 12:34:50	23.02.2024 14:49:19	02:14:29

Station Id: GMP652

Date/Time:	23.02.2024 12:34:57	WGS84 Latitude:	45° 59' 35.38" N	Easting:	7397882.0178 m
Point Role:	Averaged	WGS84 Longitude:	19° 40' 34.37" E	Northing:	5095158.4016 m
Station Ant. Height:	1.2515 m	Ellip. Height:	147.2139 m	Height:	104.0738 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP654	1.3785	-167.5128	-53.3407	166.1604	241.8988	1.8 - 4.4	1.3 - 3.2	0.8 - 1.9	1.0 - 2.5	23.02.2024 12:39:27	23.02.2024 14:45:27	02:06:00
2	GMP653	1.4025	-74.8087	19.8511	63.1844	99.9133	1.8 - 3.3	1.3 - 2.4	0.8 - 1.2	1.0 - 2.0	23.02.2024 12:34:50	23.02.2024 14:49:19	02:14:29

Station Id: GMP654

Date/Time:	23.02.2024 12:39:27	WGS84 Latitude:	45° 59' 43.21" N	Easting:	7397892.2071 m
Point Role:	Averaged	WGS84 Longitude:	19° 40' 34.66" E	Northing:	5095400.0694 m
Station Ant. Height:	1.3785 m	Ellip. Height:	144.6682 m	Height:	101.5298 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

		Antenna Height				Slope Dist.							

#	To	[m]	Δx [m]	Δy [m]	Δz [m]	[m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP655N	1.3165	-313.8428	-16.1413	295.6662	431.4815	1.5 - 3.4	1.1 - 2.4	0.6 - 1.2	0.9 - 2.0	23.02.2024 13:40:17	23.02.2024 14:38:47	00:58:30
2	GMP656	1.1805	-387.3543	-60.4016	375.9391	543.1592	1.5 - 3.4	1.1 - 2.4	0.6 - 1.2	0.9 - 2.0	23.02.2024 13:42:17	23.02.2024 14:31:12	00:48:55

Station Id: GMP655N

Date/Time:	23.02.2024 13:40:17	WGS84 Latitude:	45° 59' 56.88" N	Easting:	7397989.6705 m
Point Role:	Averaged	WGS84 Longitude:	19° 40' 38.86" E	Northing:	5095820.3790 m
Station Ant. Height:	1.3165 m	Ellip. Height:	148.2753 m	Height:	105.1396 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP657	1.3055	-201.1727	-24.8972	190.5459	278.2051	1.5 - 3.6	1.1 - 2.5	0.6 - 1.2	0.9 - 2.2	23.02.2024 13:46:02	23.02.2024 14:36:02	00:50:00
2	GMP656	1.1805	-73.5095	-44.2614	80.2735	117.5013	1.5 - 2.8	1.1 - 1.9	0.6 - 1.0	0.9 - 1.6	23.02.2024 13:42:17	23.02.2024 14:31:12	00:48:55

Station Id: GMP653

Date/Time:	23.02.2024 12:34:50	WGS84 Latitude:	45° 59' 38.29" N	Easting:	7397927.3817 m
Point Role:	Averaged	WGS84 Longitude:	19° 40' 36.41" E	Northing:	5095247.4139 m
Station Ant. Height:	1.4025 m	Ellip. Height:	148.3656 m	Height:	105.2262 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP655N	1.3165	-406.5454	-89.3341	398.6434	576.3474	1.5 - 3.4	1.1 - 2.4	0.6 - 1.2	0.9 - 2.0	23.02.2024 13:40:17	23.02.2024 14:38:47	00:58:30
2	GMP654	1.3785	-92.7048	-73.1924	102.9749	156.7008	1.3 - 1.9	0.9 - 1.2	0.5 - 0.6	0.7 - 1.0	23.02.2024 12:39:27	23.02.2024 14:45:27	02:06:00

Station Id: GMP630

Date/Time:	26.02.2024 08:03:37	WGS84 Latitude:	45° 58' 04.46" N	Easting:	7397537.7283 m
Point Role:	Navigated RTK	WGS84 Longitude:	19° 40' 20.54" E	Northing:	5092356.5600 m
Station Ant. Height:	1.2725 m	Ellip. Height:	149.6028 m	Height:	106.4440 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP631	1.2135	-109.7917	13.9448	96.1347	146.5966	1.8 - 2.1	1.3 - 1.6	0.6 - 0.8	1.1 - 1.4	26.02.2024 08:07:57	26.02.2024 09:08:02	01:00:05
2	GMP632	1.1875	-181.2981	-35.3299	177.1417	255.9226	1.8 - 2.6	1.3 - 1.9	0.6 - 0.8	1.1 - 1.7	26.02.2024 08:11:27	26.02.2024 09:13:32	01:02:05

Station Id: GMP631

Date/Time:	26.02.2024 08:07:57	WGS84 Latitude:	45° 58' 08.93" N	Easting:	7397590.1051 m
Point Role:	Fixed PP	WGS84 Longitude:	19° 40' 22.87" E	Northing:	5092493.4780 m
Station Ant. Height:	1.2135 m	Ellip. Height:	150.1256 m	Height:	106.9677 m

Time Settings

Time Format:	HH:mm:ss

Time System: Local Time
Leap Seconds: 18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP632	1.1875	-71.5063	-49.2746	81.0070	118.7571	1.8 - 2.1	1.3 - 1.6	0.6 - 0.8	1.1 - 1.4	26.02.2024 08:11:27	26.02.2024 09:13:32	01:02:05
2	GMP633N	1.2905	-206.1075	-53.6587	206.4530	296.6183	1.8 - 2.1	1.3 - 1.6	0.6 - 0.8	1.1 - 1.4	26.02.2024 08:14:17	26.02.2024 10:14:37	02:00:20

Station Id: GMP632

Date/Time: 26.02.2024 08:11:27
Point Role: Averaged
Station Ant. Height: 1.1875 m
WGS84 Latitude: 45° 58' 12.70" N
WGS84 Longitude: 19° 40' 21.83" E
Ellip. Height: 150.0391 m
Easting: 7397569.7229 m
Northing: 5092610.4718 m
Height: 106.8820 m

Time Settings
Time Format: HH:mm:ss
Time System: Local Time
Leap Seconds: 18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP634	1.3755	-175.3844	-32.9988	170.6925	246.9505	1.4 - 1.7	1.1 - 1.3	0.6	0.9 - 1.2	26.02.2024 08:21:49	26.02.2024 10:20:08	01:58:19
2	GMP633N	1.2905	-134.5998	-4.3833	125.4430	184.0442	1.4 - 1.7	1.1 - 1.3	0.6 - 0.7	0.9 - 1.2	26.02.2024 08:14:17	26.02.2024 10:14:37	02:00:20

Station Id: GMP634

Date/Time: 26.02.2024 08:21:49
Point Role: Averaged
Station Ant. Height: 1.3755 m
WGS84 Latitude: 45° 58' 20.65" N
WGS84 Longitude: 19° 40' 23.13" E
Ellip. Height: 150.2693 m
Easting: 7397601.7706 m
Northing: 5092855.3323 m
Height: 107.1138 m

Time Settings
Time Format: HH:mm:ss
Time System: Local Time
Leap Seconds: 18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP636	1.2705	-181.8833	-36.8169	175.5266	255.4342	1.5 - 2.5	1.2 - 1.9	0.6 - 0.8	1.1 - 1.8	26.02.2024 09:20:37	26.02.2024 10:22:07	01:01:30
2	GMP635	1.1485	-102.0400	11.9882	87.9916	135.2716	1.3 - 1.8	1.1 - 1.4	0.5 - 0.6	0.9 - 1.2	26.02.2024 09:26:37	26.02.2024 10:12:07	00:45:30

Station Id: GMP635

Date/Time: 26.02.2024 09:26:37
Point Role: Averaged
Station Ant. Height: 1.1485 m
WGS84 Latitude: 45° 58' 24.77" N
WGS84 Longitude: 19° 40' 25.25" E
Ellip. Height: 149.5656 m
Easting: 7397649.5221 m
Northing: 5092981.8932 m
Height: 106.4110 m

Time Settings
Time Format: HH:mm:ss
Time System: Local Time
Leap Seconds: 18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP636	1.2705	-79.8430	-48.8049	87.5352	128.1375	1.5 - 2.5	1.2 - 1.9	0.6 - 0.8	1.1 - 1.8	26.02.2024 09:20:37	26.02.2024 10:22:07	01:01:30

Station Id: GMP633N

Date/Time: 26.02.2024 08:14:17
Point Role: Averaged
Station Ant. Height: 1.2905 m
WGS84 Latitude: 45° 58' 18.51" N
WGS84 Longitude: 19° 40' 23.74" E
Ellip. Height: 151.1167 m
Easting: 7397613.8864 m
Northing: 5092789.1348 m
Height: 107.9608 m

Time Settings

Time Format: HH:mm:ss
Time System: Local Time
Leap Seconds: 18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP635	1.1485	-142.8180	-16.6282	133.2600	196.0401	1.3 - 2.0	1.1 - 1.6	0.5 - 0.7	0.9 - 1.4	26.02.2024 09:26:37	26.02.2024 10:12:07	00:45:30
2	GMP634	1.3755	-40.7756	-28.6167	45.2695	67.3119	1.4 - 1.8	1.0 - 1.2	0.5 - 0.6	0.8 - 1.0	26.02.2024 08:21:49	26.02.2024 10:20:08	01:58:19

Station Id: GMP656

Date/Time: 26.02.2024 10:39:52
Point Role: Averaged
Station Ant. Height: 1.1065 m
WGS84 Latitude: 46° 00' 00.64" N
WGS84 Longitude: 19° 40' 38.08" E
Ellip. Height: 147.5806 m
Easting: 7397974.6797 m
Northing: 5095936.9171 m
Height: 104.4457 m

Time Settings

Time Format: HH:mm:ss
Time System: Local Time
Leap Seconds: 18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP658N	1.3685	-210.2116	-23.9536	200.3812	291.4023	1.8 - 2.6	1.4 - 1.9	0.7 - 0.9	1.2 - 1.7	26.02.2024 10:49:57	26.02.2024 11:40:07	00:50:10
2	GMP657	1.0655	-127.6654	19.3688	110.2334	169.7793	1.8 - 2.6	1.4 - 1.9	0.7 - 0.9	1.2 - 1.7	26.02.2024 10:40:37	26.02.2024 11:41:42	01:01:05

Station Id: GMP658N

Date/Time: 26.02.2024 10:49:57
Point Role: Averaged
Station Ant. Height: 1.3685 m
WGS84 Latitude: 46° 00' 09.95" N
WGS84 Longitude: 19° 40' 40.32" E
Ellip. Height: 148.6305 m
Easting: 7398027.6680 m
Northing: 5096223.4568 m
Height: 105.4975 m

Time Settings

Time Format: HH:mm:ss
Time System: Local Time
Leap Seconds: 18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP660N	1.2685	-138.0864	-26.1946	134.7932	194.7388	1.8 - 2.6	1.4 - 1.9	0.7 - 0.9	1.2 - 1.7	26.02.2024 10:53:49	26.02.2024 12:45:11	01:51:22
2	GMP659N	1.2345	-70.5639	-1.7825	65.1830	96.0795	1.8 - 3.1	1.4 - 2.3	0.7 - 1.2	1.2 - 1.9	26.02.2024 10:49:15	26.02.2024 12:46:03	01:56:48

Station Id: GMP657

Date/Time: 26.02.2024 10:40:37
Point Role: Averaged
Station Ant. Height: 1.0655 m
WGS84 Latitude: 46° 00' 05.77" N
WGS84 Longitude: 19° 40' 40.92" E
Ellip. Height: 147.9059 m
Easting: 7398038.5229 m
Northing: 5096094.2345 m
Height: 104.7721 m

Time Settings

Time Format: HH:mm:ss
Time System: Local Time
Leap Seconds: 18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP658N	1.3685	-82.5461	-43.3225	90.1479	129.6817	1.8 - 2.6	1.4 - 1.9	0.7 - 0.9	1.2 - 1.7	26.02.2024 10:49:57	26.02.2024 11:40:07	00:50:10
2	GMP659N	1.2345	-153.1091	-45.1050	155.3303	222.7203	1.6 - 2.1	1.3 - 1.6	0.6 - 0.8	1.1 - 1.4	26.02.2024 10:49:15	26.02.2024 12:46:03	01:56:48

Station Id: GMP660N

Date/Time:	26.02.2024 10:53:49	WGS84 Latitude:	46° 00' 16.22" N	Easting:	7398052.7087 m
Point Role:	Averaged	WGS84 Longitude:	19° 40' 41.33" E	Northing:	5096416.5787 m
Station Ant. Height:	1.2685 m	Ellip. Height:	149.1467 m	Height:	106.0150 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP661N	1.3495	-109.6394	-10.6035	103.2618	150.9842	1.8 - 3.4	1.4 - 2.5	0.7 - 1.2	1.2 - 2.1	26.02.2024 11:51:07	26.02.2024 12:45:07	00:54:00
2	GMP662	1.1965	-215.0248	-63.7298	215.0711	310.7293	1.7 - 2.3	1.3 - 1.7	0.7 - 0.8	1.1 - 1.5	26.02.2024 11:52:27	26.02.2024 13:46:07	01:53:40

Station Id: GMP659N

Date/Time:	26.02.2024 10:49:15	WGS84 Latitude:	46° 00' 12.98" N	Easting:	7398051.2978 m
Point Role:	Averaged	WGS84 Longitude:	19° 40' 41.34" E	Northing:	5096316.5833 m
Station Ant. Height:	1.2345 m	Ellip. Height:	148.9529 m	Height:	105.8206 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP661N	1.3495	-177.1761	-35.0157	172.8708	250.0035	1.9 - 2.7	1.4 - 2.0	0.7 - 1.0	1.2 - 1.7	26.02.2024 11:51:07	26.02.2024 12:45:07	00:54:00
2	GMP660N	1.2685	-67.5379	-24.4144	69.6004	100.0082	1.7 - 2.3	1.1 - 1.6	0.5 - 0.8	1.0 - 1.3	26.02.2024 10:53:49	26.02.2024 12:45:11	01:51:22

Station Id: GMP661N

Date/Time:	26.02.2024 11:51:07	WGS84 Latitude:	46° 00' 21.03" N	Easting:	7398082.1055 m
Point Role:	Averaged	WGS84 Longitude:	19° 40' 42.58" E	Northing:	5096564.6770 m
Station Ant. Height:	1.3495 m	Ellip. Height:	149.2464 m	Height:	106.1157 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP663N	1.1565	-182.2049	-36.1398	177.2386	256.7455	1.8 - 2.4	1.4 - 1.8	0.7 - 0.9	1.2 - 1.5	26.02.2024 11:59:57	26.02.2024 13:46:07	01:46:10
2	GMP662	1.1965	-105.3837	-53.1266	111.8144	162.5750	1.8 - 2.4	1.4 - 1.8	0.7 - 0.9	1.2 - 1.5	26.02.2024 11:52:27	26.02.2024 13:46:07	01:53:40

Station Id: GMP663N

Date/Time:	26.02.2024 11:59:57	WGS84 Latitude:	46° 00' 29.30" N	Easting:	7398113.6589 m
Point Role:	Averaged	WGS84 Longitude:	19° 40' 43.85" E	Northing:	5096819.4692 m
Station Ant. Height:	1.1565 m	Ellip. Height:	149.1383 m	Height:	106.0093 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

		Antenna Height				Slope Dist.							

#	To	[m]	Δx [m]	Δy [m]	Δz [m]	[m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP664	1.2245	-88.4335	-40.9552	92.7536	134.5401	2.0 - 3.5	1.5 - 2.4	0.8 - 1.2	1.2 - 2.1	26.02.2024 12:53:42	26.02.2024 13:46:12	00:52:30
2	GMP665N	1.3425	-172.7650	-33.9998	167.8357	243.2541	2.0 - 3.5	1.5 - 2.4	0.8 - 1.2	1.2 - 2.1	26.02.2024 12:59:22	26.02.2024 14:46:27	01:47:05

Station Id: GMP662

Date/Time:	26.02.2024 11:52:27	WGS84 Latitude:	46° 00' 26.27" N	Easting:	7398070.2541 m
Point Role:	Averaged	WGS84 Longitude:	19° 40' 41.91" E	Northing:	5096726.8109 m
Station Ant. Height:	1.1965 m	Ellip. Height:	148.3372 m	Height:	105.2075 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP663N	1.1565	-76.8206	16.9865	65.4237	102.3240	1.9 - 3.5	1.4 - 2.4	0.8 - 1.2	1.1 - 2.1	26.02.2024 11:59:57	26.02.2024 13:46:07	01:46:10
2	GMP664	1.2245	-165.2545	-23.9690	158.1772	230.0078	1.9 - 3.5	1.4 - 2.4	0.8 - 1.2	1.1 - 2.1	26.02.2024 12:53:42	26.02.2024 13:46:12	00:52:30

Station Id: GMP664

Date/Time:	26.02.2024 12:53:42	WGS84 Latitude:	46° 00' 33.65" N	Easting:	7398107.1014 m
Point Role:	Averaged	WGS84 Longitude:	19° 40' 43.45" E	Northing:	5096953.8456 m
Station Ant. Height:	1.2245 m	Ellip. Height:	148.4559 m	Height:	105.3278 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP665N	1.3425	-84.3317	6.9553	75.0827	113.1266	2.0 - 3.5	1.5 - 2.4	0.8 - 1.2	1.2 - 2.1	26.02.2024 12:59:22	26.02.2024 14:46:27	01:47:05
2	GMP666N	1.2835	-183.0628	-22.7100	174.3835	253.8451	2.0 - 3.5	1.5 - 2.4	0.8 - 1.2	1.2 - 2.1	26.02.2024 13:00:55	26.02.2024 14:49:54	01:48:59

Station Id: GMP665N

Date/Time:	26.02.2024 12:59:22	WGS84 Latitude:	46° 00' 37.13" N	Easting:	7398143.8270 m
Point Role:	Averaged	WGS84 Longitude:	19° 40' 45.07" E	Northing:	5097060.8425 m
Station Ant. Height:	1.3425 m	Ellip. Height:	148.9513 m	Height:	105.8239 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP666N	1.2835	-98.7403	-29.6649	99.2841	143.1327	1.7 - 2.2	1.1 - 1.4	0.6 - 0.7	0.9 - 1.2	26.02.2024 13:00:55	26.02.2024 14:49:54	01:48:59
2	GMP667	1.2565	-167.7627	-4.9123	153.2180	227.2536	1.6 - 2.3	1.2 - 1.7	0.6 - 0.8	1.0 - 1.5	26.02.2024 13:56:17	26.02.2024 14:50:57	00:54:40

Station Id: GMP666N

Date/Time:	26.02.2024 13:00:55	WGS84 Latitude:	46° 00' 41.76" N	Easting:	7398151.5121 m
Point Role:	Averaged	WGS84 Longitude:	19° 40' 45.32" E	Northing:	5097203.7707 m
Station Ant. Height:	1.2835 m	Ellip. Height:	148.8876 m	Height:	105.7611 m

Time Settings

Time Format:	HH:mm:ss

Time System: Local Time
Leap Seconds: 18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP668	1.0365	-183.4044	-52.3142	183.0758	264.3685	1.7 - 2.2	1.3 - 1.6	0.6 - 0.7	1.1 - 1.4	26.02.2024 14:02:02	26.02.2024 14:54:12	00:52:10
2	GMP667	1.2565	-69.0244	24.7502	53.9375	91.0285	1.7 - 2.2	1.3 - 1.6	0.6 - 0.7	1.1 - 1.5	26.02.2024 13:56:17	26.02.2024 14:50:57	00:54:40

Station Id: GMP667

Date/Time: 26.02.2024 13:56:17 WGS84 Latitude: 46° 00' 44.30" N Easting: 7398199.3505 m
Point Role: Averaged WGS84 Longitude: 19° 40' 47.48" E Northing: 5097281.2117 m
Station Ant. Height: 1.2565 m Ellip. Height: 148.3439 m Height: 105.2181 m

Time Settings
Time Format: HH:mm:ss
Time System: Local Time
Leap Seconds: 18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP668	1.0365	-114.3803	-77.0644	129.1381	188.9403	1.7 - 2.2	1.3 - 1.6	0.6 - 0.7	1.1 - 1.5	26.02.2024 14:02:02	26.02.2024 14:54:12	00:52:10
2	GMP669	1.2785	-226.1946	-49.7052	222.1728	320.9289	1.7 - 2.2	1.3 - 1.6	0.6 - 0.7	1.1 - 1.5	26.02.2024 14:03:12	26.02.2024 14:56:37	00:53:25

Station Id: GMP668

Date/Time: 26.02.2024 14:02:02 WGS84 Latitude: 46° 00' 50.32" N Easting: 7398168.3893 m
Point Role: Averaged WGS84 Longitude: 19° 40' 45.90" E Northing: 5097467.5961 m
Station Ant. Height: 1.0365 m Ellip. Height: 148.4395 m Height: 105.3148 m

Time Settings
Time Format: HH:mm:ss
Time System: Local Time
Leap Seconds: 18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP669	1.2785	-111.8143	27.3592	93.0347	148.0082	1.7 - 2.2	1.3 - 1.6	0.6 - 0.7	1.1 - 1.5	26.02.2024 14:03:12	26.02.2024 14:56:37	00:53:25

Station Id: GMP671

Date/Time: 27.02.2024 07:58:57 WGS84 Latitude: 46° 01' 02.51" N Easting: 7398262.2502 m
Point Role: Fixed PP WGS84 Longitude: 19° 40' 49.97" E Northing: 5097842.6037 m
Station Ant. Height: 1.3175 m Ellip. Height: 149.8053 m Height: 106.6832 m

Time Settings
Time Format: HH:mm:ss
Time System: Local Time
Leap Seconds: 18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP673N	1.5765	-262.7238	-61.5553	259.2234	374.1786	1.8 - 3.1	1.4 - 2.2	0.7 - 1.0	1.2 - 2.0	27.02.2024 08:08:53	27.02.2024 10:03:34	01:54:41
2	GMP672	1.3285	-64.2520	-58.2235	77.3154	116.1722	1.8 - 2.2	1.4 - 1.7	0.7 - 0.8	1.2 - 1.4	27.02.2024 07:59:17	27.02.2024 09:00:22	01:01:05

Station Id: GMP670

Date/Time: 27.02.2024 07:50:47 WGS84 Latitude: 46° 00' 57.24" N Easting: 7398193.7055 m
Point Role: Navigated RTK WGS84 Longitude: 19° 40' 46.91" E Northing: 5097681.0112 m
Station Ant. Height: 1.3325 m Ellip. Height: 149.6779 m Height: 106.5546 m

Time Settings

Time Format: HH:mm:ss
Time System: Local Time
Leap Seconds: 18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP671	1.3175	-132.3324	22.6160	113.0837	175.5314	1.8 - 2.2	1.4 - 1.7	0.7 - 0.8	1.1 - 1.4	27.02.2024 07:58:57	27.02.2024 09:00:02	01:01:05
2	GMP672	1.3285	-196.5848	-35.6073	190.3988	275.9804	1.7 - 2.2	1.3 - 1.6	0.6 - 0.8	1.1 - 1.4	27.02.2024 07:59:17	27.02.2024 09:00:22	01:01:05

Station Id: GMP672

Date/Time:	27.02.2024 07:59:17	WGS84 Latitude:	46° 01' 06.12" N	Easting:	7398230.9144 m
Point Role:	Averaged	WGS84 Longitude:	19° 40' 48.43" E	Northing:	5097954.4684 m
Station Ant. Height:	1.3285 m	Ellip. Height:	149.8089 m	Height:	106.6875 m

Time Settings

Time Format: HH:mm:ss
Time System: Local Time
Leap Seconds: 18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP673N	1.5765	-198.4725	-3.3319	181.9066	269.2442	1.7 - 3.0	1.3 - 2.2	0.6 - 1.0	1.1 - 1.9	27.02.2024 08:08:53	27.02.2024 10:03:34	01:54:41
2	GMP674	1.4605	-248.6149	-43.3440	241.3656	349.2069	1.7 - 2.2	1.3 - 1.6	0.6 - 0.8	1.1 - 1.4	27.02.2024 08:14:24	27.02.2024 10:02:36	01:48:12

Station Id: GMP673N

Date/Time:	27.02.2024 08:08:53	WGS84 Latitude:	46° 01' 14.59" N	Easting:	7398298.9387 m
Point Role:	Averaged	WGS84 Longitude:	19° 40' 51.39" E	Northing:	5098214.9744 m
Station Ant. Height:	1.5765 m	Ellip. Height:	150.1554 m	Height:	107.0358 m

Time Settings

Time Format: HH:mm:ss
Time System: Local Time
Leap Seconds: 18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP674	1.4605	-50.1486	-40.0171	59.4482	87.4662	1.3 - 1.6	0.9 - 1.1	0.5 - 0.6	0.8 - 0.9	27.02.2024 08:14:24	27.02.2024 10:02:36	01:48:12
2	GMP675N	1.5175	-167.8232	-39.9923	165.4306	239.0215	1.3 - 2.0	1.1 - 1.6	0.5 - 0.8	0.9 - 1.3	27.02.2024 09:14:17	27.02.2024 10:07:12	00:52:55

Station Id: GMP674

Date/Time:	27.02.2024 08:14:24	WGS84 Latitude:	46° 01' 17.34" N	Easting:	7398279.5594 m
Point Role:	Averaged	WGS84 Longitude:	19° 40' 50.42" E	Northing:	5098300.2641 m
Station Ant. Height:	1.4605 m	Ellip. Height:	150.7933 m	Height:	107.6742 m

Time Settings

Time Format: HH:mm:ss
Time System: Local Time
Leap Seconds: 18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP676N	1.3465	-234.1186	-33.9200	223.1116	325.1782	1.8 - 3.6	1.4 - 2.6	0.7 - 1.1	1.2 - 2.4	27.02.2024 09:11:37	27.02.2024 11:16:37	02:05:00
2	GMP675N	1.5175	-117.6810	0.0194	105.9755	158.3655	1.3 - 2.3	1.1 - 1.8	0.5 - 0.8	0.9 - 1.5	27.02.2024 09:14:17	27.02.2024 10:07:12	00:52:55

Station Id: GMP675N

Date/Time:	27.02.2024 09:14:17	WGS84 Latitude:	46° 01' 22.31" N	Easting:	7398321.7423 m
Point Role:	Averaged	WGS84 Longitude:	19° 40' 52.27" E	Northing:	5098452.9042 m
Station Ant. Height:	1.5175 m	Ellip. Height:	150.1183 m	Height:	107.0003 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP676N	1.3465	-116.4410	-33.9424	117.1322	168.6136	1.7 - 3.6	1.4 - 2.6	0.7 - 1.1	1.2 - 2.4	27.02.2024 09:11:37	27.02.2024 11:16:37	02:05:00
2	GMP677N	1.4925	-209.1526	-41.2505	203.8755	294.9773	1.7 - 3.0	1.4 - 2.3	0.7 - 0.9	1.2 - 2.0	27.02.2024 09:16:42	27.02.2024 11:18:47	02:02:05

Station Id: GMP676N

Date/Time:	27.02.2024 09:11:37	WGS84 Latitude:	46° 01' 27.76" N	Easting:	7398331.7855 m
Point Role:	Averaged	WGS84 Longitude:	19° 40' 52.61" E	Northing:	5098621.2164 m
Station Ant. Height:	1.3465 m	Ellip. Height:	150.3455 m	Height:	107.2286 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP678	1.2255	-188.7871	-55.4061	186.6326	271.1865	1.8 - 2.6	1.4 - 2.0	0.7 - 1.1	1.2 - 1.6	27.02.2024 10:18:47	27.02.2024 11:15:02	00:56:15
2	GMP677N	1.4925	-92.7383	-7.3275	86.7438	127.1950	1.8 - 2.6	1.4 - 2.0	0.7 - 1.1	1.2 - 1.6	27.02.2024 09:16:42	27.02.2024 11:18:47	02:02:05

Station Id: GMP677N

Date/Time:	27.02.2024 11:41:22	WGS84 Latitude:	46° 01' 31.80" N	Easting:	7398358.1851 m
Point Role:	Averaged	WGS84 Longitude:	19° 40' 53.74" E	Northing:	5098745.6285 m
Station Ant. Height:	1.3865 m	Ellip. Height:	150.4353 m	Height:	107.3192 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP679	1.2015	-182.0401	0.6322	163.2446	244.5154	1.9 - 2.4	1.4 - 1.8	0.7 - 0.8	1.2 - 1.5	27.02.2024 11:31:12	27.02.2024 13:15:32	01:44:20
2	GMP678	1.3315	-96.0364	-48.0723	99.8511	146.6430	1.9 - 2.4	1.4 - 1.8	0.7 - 0.8	1.2 - 1.5	27.02.2024 11:34:37	27.02.2024 13:15:17	01:40:40

Station Id: GMP678

Date/Time:	27.02.2024 11:34:37	WGS84 Latitude:	46° 01' 36.54" N	Easting:	7398347.6818 m
Point Role:	Averaged	WGS84 Longitude:	19° 40' 53.14" E	Northing:	5098891.8902 m
Station Ant. Height:	1.3315 m	Ellip. Height:	148.2698 m	Height:	105.1547 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

#		Antenna Height	Δx [m]	Δy [m]	Δz [m]	Slope Dist.	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration

#	To	[m]	Δx [m]	Δy [m]	Δz [m]	[m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP680N	1.5045	-190.8257	-25.8773	185.7168	267.5347	1.9 - 5.3	1.4 - 3.6	0.8 - 2.1	1.1 - 2.9	27.02.2024 12:36:42	27.02.2024 13:20:47	00:44:05
2	GMP679	1.2015	-86.0071	48.7046	63.3914	117.4216	1.9 - 3.1	1.4 - 2.2	0.7 - 1.2	1.1 - 1.8	27.02.2024 11:31:12	27.02.2024 13:15:32	01:44:20

Station Id: GMP679

Date/Time:	27.02.2024 11:31:12	WGS84 Latitude:	46° 01' 39.47" N	Easting:	7398423.9936 m
Point Role:	Averaged	WGS84 Longitude:	19° 40' 56.62" E	Northing:	5098981.1198 m
Station Ant. Height:	1.2015 m	Ellip. Height:	149.0534 m	Height:	105.9390 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP680N	1.5045	-104.8197	-74.5831	122.3141	177.5121	1.9 - 3.7	1.4 - 2.6	0.8 - 1.7	1.1 - 2.0	27.02.2024 12:36:42	27.02.2024 13:20:47	00:44:05
2	GMP681	1.3615	-164.3640	-50.9463	168.7222	240.9943	1.5 - 2.1	1.1 - 1.5	0.6 - 0.9	0.9 - 1.3	27.02.2024 10:29:57	27.02.2024 14:20:04	03:50:07

Station Id: GMP680N

Date/Time:	27.02.2024 12:36:42	WGS84 Latitude:	46° 01' 45.10" N	Easting:	7398391.9548 m
Point Role:	Averaged	WGS84 Longitude:	19° 40' 54.99" E	Northing:	5099155.7096 m
Station Ant. Height:	1.5045 m	Ellip. Height:	151.1199 m	Height:	108.0066 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP682N	1.4015	-149.0032	-29.6382	145.1213	210.0966	1.9 - 4.0	1.4 - 2.8	0.8 - 1.7	1.1 - 2.2	27.02.2024 10:27:27	27.02.2024 14:20:14	03:52:47
2	GMP681	1.3615	-59.5446	23.6374	46.4154	79.1118	1.8 - 4.0	1.4 - 2.8	0.8 - 1.7	1.1 - 2.2	27.02.2024 10:29:57	27.02.2024 14:20:04	03:50:07

Station Id: GMP681

Date/Time:	27.02.2024 10:29:57	WGS84 Latitude:	46° 01' 47.27" N	Easting:	7398435.3640 m
Point Role:	Averaged	WGS84 Longitude:	19° 40' 56.96" E	Northing:	5099221.8342 m
Station Ant. Height:	1.3615 m	Ellip. Height:	151.1185 m	Height:	108.0056 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP683	1.3015	-175.8168	-39.8707	171.9521	249.1360	2.0 - 3.8	1.4 - 2.7	0.7 - 1.4	1.2 - 2.2	27.02.2024 13:26:57	27.02.2024 14:21:52	00:54:55
2	GMP682N	1.4015	-89.4603	-53.2671	98.7304	143.4860	1.6 - 2.5	1.1 - 1.6	0.6 - 1.0	0.8 - 1.2	27.02.2024 10:27:27	27.02.2024 14:20:14	03:52:47

Station Id: GMP682N

Date/Time:	27.02.2024 10:27:27	WGS84 Latitude:	46° 01' 51.87" N	Easting:	7398417.6901 m
Point Role:	Averaged	WGS84 Longitude:	19° 40' 56.03" E	Northing:	5099364.2254 m
Station Ant. Height:	1.4015 m	Ellip. Height:	151.2368 m	Height:	108.1249 m

Time Settings

Time Format:	HH:mm:ss

Time System: Local Time
Leap Seconds: 18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP684	1.2745	-190.8131	-56.8685	192.4737	276.9292	1.8 - 4.0	1.4 - 2.8	0.7 - 1.5	1.1 - 2.3	27.02.2024 13:30:37	27.02.2024 14:21:17	00:50:40
2	GMP683	1.3015	-86.3537	13.3963	73.2148	114.0036	2.1 - 4.0	1.5 - 2.8	0.8 - 1.5	1.3 - 2.3	27.02.2024 13:26:57	27.02.2024 14:21:52	00:54:55

Station Id: GMP683

Date/Time: 27.02.2024 13:26:57
Point Role: Averaged
Station Ant. Height: 1.3015 m
WGS84 Latitude: 46° 01' 55.31" N
WGS84 Longitude: 19° 40' 57.97" E
Ellip. Height: 150.6187 m
Easting: 7398461.1390 m
Northing: 5099469.6290 m
Height: 107.5075 m

Time Settings
Time Format: HH:mm:ss
Time System: Local Time
Leap Seconds: 18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP684	1.2745	-104.4590	-70.2652	119.2588	173.4115	2.0 - 2.6	1.4 - 1.8	0.7 - 0.9	1.2 - 1.6	27.02.2024 13:30:37	27.02.2024 14:21:17	00:50:40
2	GMP685	1.2765	-242.4388	-41.9141	234.0498	339.5772	2.0 - 2.6	1.4 - 1.8	0.7 - 0.9	1.2 - 1.6	27.02.2024 13:34:22	27.02.2024 14:26:02	00:51:40

Station Id: GMP684

Date/Time: 27.02.2024 13:30:37
Point Role: Averaged
Station Ant. Height: 1.2745 m
WGS84 Latitude: 46° 02' 00.83" N
WGS84 Longitude: 19° 40' 56.53" E
Ellip. Height: 151.7400 m
Easting: 7398432.9869 m
Northing: 5099640.7335 m
Height: 108.6298 m

Time Settings
Time Format: HH:mm:ss
Time System: Local Time
Leap Seconds: 18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP685	1.2765	-137.9798	28.3512	114.7911	181.7119	1.8 - 2.6	1.4 - 1.8	0.7 - 0.9	1.1 - 1.6	27.02.2024 13:34:22	27.02.2024 14:26:02	00:51:40

Station Id: GMP688

Date/Time: 27.02.2024 14:42:52
Point Role: Navigated RTK
Station Ant. Height: 1.4865 m
WGS84 Latitude: 46° 02' 17.34" N
WGS84 Longitude: 19° 40' 59.42" E
Ellip. Height: 144.3496 m
Easting: 7398503.7310 m
Northing: 5100149.2306 m
Height: 101.2431 m

Time Settings
Time Format: HH:mm:ss
Time System: Local Time
Leap Seconds: 18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP689	1.3025	-120.7017	12.3758	105.9162	161.0600	1.8 - 3.1	1.4 - 2.2	0.7 - 0.9	1.2 - 2.0	27.02.2024 14:35:52	27.02.2024 15:40:07	01:04:15
2	GMP690	1.2145	-174.8377	-32.9649	170.3892	246.3481	1.8 - 3.1	1.4 - 2.2	0.7 - 0.9	1.2 - 2.0	27.02.2024 14:40:42	27.02.2024 15:40:07	00:59:25

Station Id: GMP689

Date/Time: 27.02.2024 14:35:52
Point Role: Fixed PP
Station Ant. Height: 1.3025 m
WGS84 Latitude: 46° 02' 22.27" N
WGS84 Longitude: 19° 41' 01.86" E
Ellip. Height: 144.5912 m
Easting: 7398558.5481 m
Northing: 5100300.6728 m
Height: 101.4857 m

Time Settings

Time Format: HH:mm:ss
Time System: Local Time
Leap Seconds: 18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP691N	1.3055	-130.2484	-32.4293	130.7194	187.3603	1.9 - 4.1	1.4 - 2.8	0.7 - 1.0	1.2 - 2.6	27.02.2024 14:46:50	27.02.2024 16:40:43	01:53:53
2	GMP690	1.2145	-54.1357	-45.3407	64.4728	95.6200	1.8 - 3.1	1.4 - 2.2	0.7 - 0.9	1.2 - 2.0	27.02.2024 14:40:42	27.02.2024 15:40:07	00:59:25

Station Id: GMP690

Date/Time: 27.02.2024 14:40:42
Point Role: Averaged
Station Ant. Height: 1.2145 m
WGS84 Latitude: 46° 02' 25.26" N
WGS84 Longitude: 19° 41' 00.72" E
Ellip. Height: 145.0162 m
Easting: 7398535.6219 m
Northing: 5100393.5017 m
Height: 101.9113 m

Time Settings

Time Format: HH:mm:ss
Time System: Local Time
Leap Seconds: 18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP691N	1.3055	-76.1117	12.9120	66.2492	101.7284	1.9 - 4.1	1.4 - 2.8	0.7 - 1.0	1.2 - 2.6	27.02.2024 14:46:50	27.02.2024 16:40:43	01:53:53
2	GMP692	1.4625	-414.8206	14.2341	372.3928	557.6335	1.8 - 3.1	1.4 - 2.2	0.7 - 0.9	1.2 - 2.0	27.02.2024 14:55:20	27.02.2024 16:44:55	01:49:35

Station Id: GMP692

Date/Time: 27.02.2024 14:55:20
Point Role: Averaged
Station Ant. Height: 1.4625 m
WGS84 Latitude: 46° 02' 42.63" N
WGS84 Longitude: 19° 41' 07.84" E
Ellip. Height: 145.3031 m
Easting: 7398697.5832 m
Northing: 5100927.0893 m
Height: 102.2020 m

Time Settings

Time Format: HH:mm:ss
Time System: Local Time
Leap Seconds: 18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP694N	1.1705	-226.8127	38.7174	195.1620	301.7138	1.6 - 2.3	1.3 - 1.8	0.7 - 1.0	1.0 - 1.5	27.02.2024 15:55:52	27.02.2024 16:40:02	00:44:10
2	GMP693	1.4405	-104.1035	-18.3319	99.6065	145.2414	1.4 - 1.9	1.1 - 1.5	0.6 - 0.7	0.9 - 1.3	27.02.2024 15:50:42	27.02.2024 16:42:22	00:51:40

Station Id: GMP691N

Date/Time: 27.02.2024 14:46:50
Point Role: Averaged
Station Ant. Height: 1.3055 m
WGS84 Latitude: 46° 02' 28.32" N
WGS84 Longitude: 19° 41' 02.48" E
Ellip. Height: 145.9768 m
Easting: 7398574.9704 m
Northing: 5100487.3051 m
Height: 102.8726 m

Time Settings

Time Format: HH:mm:ss
Time System: Local Time
Leap Seconds: 18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP692	1.4625	-338.7106	1.3225	306.1415	456.5624	1.4 - 2.3	1.0 - 1.5	0.5 - 0.8	0.8 - 1.2	27.02.2024 14:55:20	27.02.2024 16:44:55	01:49:35
2	GMP693	1.4405	-442.8100	-17.0104	405.7483	600.8342	1.3 - 2.3	1.1 - 1.7	0.6 - 0.8	0.9 - 1.5	27.02.2024 15:50:42	27.02.2024 16:42:22	00:51:40

Station Id: GMP695

Date/Time:	28.02.2024 08:27:52	WGS84 Latitude:	46° 02' 55.20" N	Easting:	7398846.3183 m
Point Role:	Averaged	WGS84 Longitude:	19° 41' 14.46" E	Northing:	5101312.8079 m
Station Ant. Height:	1.3015 m	Ellip. Height:	145.6991 m	Height:	102.6008 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP696	1.3215	-98.5771	82.9683	61.5480	142.7913	1.9 - 3.2	1.4 - 2.4	0.7 - 0.9	1.2 - 2.2	28.02.2024 08:29:11	28.02.2024 09:21:10	00:51:59
2	GMP697	1.2965	-182.4342	86.8416	137.6458	244.4791	1.9 - 3.2	1.4 - 2.4	0.7 - 0.9	1.2 - 2.2	28.02.2024 08:33:19	28.02.2024 09:22:41	00:49:22

Station Id: GMP693

Date/Time:	28.02.2024 08:22:07	WGS84 Latitude:	46° 02' 47.30" N	Easting:	7398717.7657 m
Point Role:	Averaged	WGS84 Longitude:	19° 41' 08.67" E	Northing:	5101070.9176 m
Station Ant. Height:	1.2775 m	Ellip. Height:	144.6899 m	Height:	101.5898 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP695	1.3015	-206.6766	58.3343	170.0630	273.9334	1.9 - 3.2	1.4 - 2.4	0.7 - 0.9	1.2 - 2.2	28.02.2024 08:27:52	28.02.2024 09:18:02	00:50:10
2	GMP694N	1.3335	-122.7137	57.0432	95.5443	165.6542	1.9 - 3.2	1.4 - 2.4	0.7 - 1.0	1.2 - 2.2	28.02.2024 08:21:07	28.02.2024 09:18:07	00:57:00

Station Id: GMP694N

Date/Time:	28.02.2024 08:21:07	WGS84 Latitude:	46° 02' 51.69" N	Easting:	7398815.0387 m
Point Role:	Averaged	WGS84 Longitude:	19° 41' 13.09" E	Northing:	5101204.9917 m
Station Ant. Height:	1.3335 m	Ellip. Height:	146.6258 m	Height:	103.5267 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP695	1.3015	-83.9630	1.2908	74.5188	112.2698	1.9 - 3.2	1.4 - 2.4	0.7 - 1.0	1.2 - 2.2	28.02.2024 08:27:52	28.02.2024 09:18:02	00:50:10
2	GMP696	1.3215	-182.5417	84.2580	136.0663	242.7652	1.5 - 1.8	1.2 - 1.4	0.6 - 0.7	1.0 - 1.2	28.02.2024 08:29:11	28.02.2024 09:21:10	00:51:59

Station Id: GMP696

Date/Time:	28.02.2024 08:29:11	WGS84 Latitude:	46° 02' 58.10" N	Easting:	7398959.1029 m
Point Role:	Averaged	WGS84 Longitude:	19° 41' 19.64" E	Northing:	5101400.3751 m
Station Ant. Height:	1.3215 m	Ellip. Height:	144.9929 m	Height:	101.8954 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration

1	GMP697	1.2965	-83.8564	3.8736	76.0981	113.3040	1.4 - 1.7	0.9 - 1.1	0.5	0.8 - 1.0	28.02.2024 08:33:19	28.02.2024 09:22:41	00:49:22

Station Id: GMP701

Date/Time:	28.02.2024 09:29:27	WGS84 Latitude:	46° 03' 15.88" N	Easting:	7399355.7962 m
Point Role:	Fixed PP	WGS84 Longitude:	19° 41' 37.68" E	Northing:	5101943.1296 m
Station Ant. Height:	1.0625 m	Ellip. Height:	150.0836 m	Height:	106.9904 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP702	1.3395	-58.7303	82.4150	26.7992	104.6885	1.6 - 2.4	1.3 - 1.9	0.6 - 1.1	1.1 - 1.5	28.02.2024 09:33:42	28.02.2024 10:25:07	00:51:25
2	GMP703N	1.2655	-172.5792	126.1919	117.0912	243.7588	1.3 - 2.0	1.1 - 1.6	0.5 - 0.8	0.9 - 1.3	28.02.2024 09:35:43	28.02.2024 11:26:29	01:50:46

Station Id: GMP700

Date/Time:	28.02.2024 09:28:52	WGS84 Latitude:	46° 03' 10.86" N	Easting:	7399290.8743 m
Point Role:	Navigated RTK	WGS84 Longitude:	19° 41' 34.78" E	Northing:	5101789.0445 m
Station Ant. Height:	1.2845 m	Ellip. Height:	150.4386 m	Height:	107.3442 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP701	1.0625	-126.4156	21.0155	107.4032	167.2065	1.6 - 2.4	1.3 - 1.9	0.6 - 1.1	1.1 - 1.5	28.02.2024 09:29:27	28.02.2024 10:25:02	00:55:35
2	GMP702	1.3395	-185.1460	103.4305	134.2024	250.9724	1.6 - 2.4	1.3 - 1.9	0.6 - 1.1	1.1 - 1.5	28.02.2024 09:33:42	28.02.2024 10:25:07	00:51:25

Station Id: GMP702

Date/Time:	28.02.2024 09:33:42	WGS84 Latitude:	46° 03' 17.13" N	Easting:	7399453.7975 m
Point Role:	Averaged	WGS84 Longitude:	19° 41' 42.21" E	Northing:	5101979.9406 m
Station Ant. Height:	1.3395 m	Ellip. Height:	150.2805 m	Height:	107.1877 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP703N	1.2655	-113.8507	43.7767	90.2898	151.7585	1.6 - 2.4	1.3 - 1.9	0.6 - 1.1	1.1 - 1.5	28.02.2024 09:35:43	28.02.2024 11:26:29	01:50:46
2	GMP704	1.2605	-194.8319	104.4592	141.5035	262.4775	1.6 - 2.4	1.3 - 1.9	0.6 - 1.1	1.1 - 1.5	28.02.2024 09:40:19	28.02.2024 11:26:14	01:45:55

Station Id: GMP703N

Date/Time:	28.02.2024 09:35:43	WGS84 Latitude:	46° 03' 21.31" N	Easting:	7399535.4872 m
Point Role:	Averaged	WGS84 Longitude:	19° 41' 45.91" E	Northing:	5102107.8311 m
Station Ant. Height:	1.2655 m	Ellip. Height:	151.1443 m	Height:	108.0524 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP704	1.2605	-80.9955	60.6820	51.1956	113.4176	1.4 - 1.8	0.9 - 1.3	0.5 - 0.6	0.8 - 1.1	28.02.2024 09:40:19	28.02.2024 11:26:14	01:45:55
2	GMP705N	1.3065	-437.1185	146.0381	347.8419	577.4025	1.8 - 2.6	1.4 - 2.0	0.7 - 1.2	1.2 - 1.7	28.02.2024 10:34:47	28.02.2024 11:30:12	00:55:25

Station Id: GMP704

Date/Time:	28.02.2024 09:40:19	WGS84 Latitude:	46° 03' 23.76" N	Easting:	7399621.1415 m
Point Role:	Averaged	WGS84 Longitude:	19° 41' 49.84" E	Northing:	5102182.1473 m
Station Ant. Height:	1.2605 m	Ellip. Height:	149.2928 m	Height:	106.2016 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP706	1.2285	-500.2040	77.0398	426.9572	662.1417	1.8 - 2.4	1.4 - 1.8	0.7 - 1.0	1.2 - 1.5	28.02.2024 10:39:12	28.02.2024 12:25:07	01:45:55
2	GMP705N	1.3065	-356.1290	85.3532	296.6320	471.2787	1.8 - 2.6	1.4 - 2.0	0.7 - 1.2	1.2 - 1.7	28.02.2024 10:34:47	28.02.2024 11:30:12	00:55:25

Station Id: GMP705N

Date/Time:	28.02.2024 10:34:47	WGS84 Latitude:	46° 03' 37.58" N	Easting:	7399828.4811 m
Point Role:	Averaged	WGS84 Longitude:	19° 41' 59.16" E	Northing:	5102605.3587 m
Station Ant. Height:	1.3065 m	Ellip. Height:	150.1834 m	Height:	107.0954 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP706	1.2285	-144.0738	-8.3137	130.3260	194.4511	1.8 - 2.9	1.4 - 2.2	0.7 - 1.2	1.2 - 1.8	28.02.2024 10:39:12	28.02.2024 12:25:07	01:45:55
2	GMP707	1.3245	-245.9025	18.5573	213.1776	325.9710	1.8 - 2.7	1.4 - 2.0	0.7 - 1.2	1.2 - 1.7	28.02.2024 10:40:22	28.02.2024 12:25:17	01:44:55

Station Id: GMP706

Date/Time:	28.02.2024 10:39:12	WGS84 Latitude:	46° 03' 43.74" N	Easting:	7399872.3171 m
Point Role:	Averaged	WGS84 Longitude:	19° 42' 01.06" E	Northing:	5102794.7869 m
Station Ant. Height:	1.2285 m	Ellip. Height:	147.9622 m	Height:	104.8756 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP708	1.2395	-176.5117	-18.2957	166.3682	243.2478	1.9 - 2.2	1.4 - 1.7	0.7 - 0.9	1.2 - 1.4	28.02.2024 11:35:12	28.02.2024 12:25:07	00:49:55
2	GMP707	1.3245	-101.8326	26.8699	82.8525	134.0016	1.9 - 2.2	1.4 - 1.7	0.7 - 0.9	1.2 - 1.4	28.02.2024 10:40:22	28.02.2024 12:25:17	01:44:55

Station Id: GMP708

Date/Time:	28.02.2024 11:35:12	WGS84 Latitude:	46° 03' 51.49" N	Easting:	7399918.4969 m
Point Role:	Averaged	WGS84 Longitude:	19° 42' 03.02" E	Northing:	5103033.6069 m
Station Ant. Height:	1.2395 m	Ellip. Height:	148.1794 m	Height:	105.0944 m

Time Settings

Time Format: HH:mm:ss
Time System: Local Time
Leap Seconds: 18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP709	1.2085	-92.3444	18.9810	78.3652	122.5923	1.9 - 2.1	1.4 - 1.6	0.7 - 0.8	1.2 - 1.4	28.02.2024 11:38:07	28.02.2024 13:29:55	01:51:48
2	GMP710	1.3005	-166.0714	-32.8729	161.2557	233.8028	1.9 - 2.1	1.4 - 1.6	0.7 - 0.8	1.2 - 1.4	28.02.2024 11:39:20	28.02.2024 13:29:27	01:50:07

Station Id: GMP707

Date/Time: 28.02.2024 10:40:22
Point Role: Averaged
Station Ant. Height: 1.3245 m
WGS84 Latitude: 46° 03' 47.62" N
WGS84 Longitude: 19° 42' 03.83" E
Ellip. Height: 147.3870 m
Easting: 7399933.8913 m
Northing: 5102913.7999 m
Height: 104.3013 m

Time Settings

Time Format: HH:mm:ss
Time System: Local Time
Leap Seconds: 18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP708	1.2395	-74.6793	-45.1657	83.5158	120.7966	1.9 - 2.1	1.4 - 1.6	0.7 - 0.8	1.2 - 1.4	28.02.2024 11:35:12	28.02.2024 12:25:07	00:49:55
2	GMP709	1.2085	-167.0237	-26.1848	161.8810	234.0684	1.6 - 2.1	1.3 - 1.6	0.7 - 0.8	1.1 - 1.4	28.02.2024 11:38:07	28.02.2024 13:29:55	01:51:48

Station Id: GMP710

Date/Time: 28.02.2024 11:39:20
Point Role: Averaged
Station Ant. Height: 1.3005 m
WGS84 Latitude: 46° 03' 59.02" N
WGS84 Longitude: 19° 42' 04.19" E
Ellip. Height: 148.1343 m
Easting: 7399947.3194 m
Northing: 5103265.6229 m
Height: 105.0509 m

Time Settings

Time Format: HH:mm:ss
Time System: Local Time
Leap Seconds: 18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP711N	1.3265	-105.7951	-3.6289	98.0460	144.2871	1.9 - 3.5	1.4 - 2.5	0.8 - 1.2	1.1 - 2.1	28.02.2024 12:34:07	28.02.2024 13:29:37	00:55:30
2	GMP712	1.2525	-205.1025	-46.8620	200.7902	290.8260	1.5 - 2.0	1.2 - 1.5	0.6 - 0.9	0.9 - 1.2	28.02.2024 12:35:07	28.02.2024 14:28:17	01:53:10

Station Id: GMP709

Date/Time: 28.02.2024 11:38:07
Point Role: Averaged
Station Ant. Height: 1.2085 m
WGS84 Latitude: 46° 03' 55.13" N
WGS84 Longitude: 19° 42' 05.30" E
Ellip. Height: 148.7299 m
Easting: 7399969.3226 m
Northing: 5103145.1634 m
Height: 105.6458 m

Time Settings

Time Format: HH:mm:ss
Time System: Local Time
Leap Seconds: 18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP710	1.3005	-73.7268	-51.8551	82.8911	122.4562	1.4 - 1.8	0.9 - 1.2	0.5 - 0.7	0.7 - 0.9	28.02.2024 11:39:20	28.02.2024 13:29:27	01:50:07
2	GMP711N	1.3265	-179.5214	-55.4832	180.9355	260.8524	1.9 - 3.5	1.4 - 2.5	0.8 - 1.2	1.1 - 2.1	28.02.2024 12:34:07	28.02.2024 13:29:37	00:55:30

Station Id: GMP711N

Date/Time:	28.02.2024 12:34:07	WGS84 Latitude:	46° 04' 03.58" N	Easting:	7399981.8568 m
Point Role:	Averaged	WGS84 Longitude:	19° 42' 05.69" E	Northing:	5103405.7110 m
Station Ant. Height:	1.3265 m	Ellip. Height:	148.7876 m	Height:	105.7052 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP713	1.2855	-191.3363	-21.3100	177.8397	262.0890	1.9 - 3.5	1.4 - 2.5	0.8 - 1.2	1.1 - 2.1	28.02.2024 12:43:47	28.02.2024 14:28:02	01:44:15
2	GMP712	1.2525	-99.3074	-43.2328	102.7455	149.2905	1.9 - 3.5	1.4 - 2.5	0.8 - 1.2	1.1 - 2.1	28.02.2024 12:35:07	28.02.2024 14:28:17	01:53:10

Station Id: GMP712

Date/Time:	28.02.2024 12:35:07	WGS84 Latitude:	46° 04' 08.41" N	Easting:	7399977.0652 m
Point Role:	Averaged	WGS84 Longitude:	19° 42' 05.35" E	Northing:	5103554.9189 m
Station Ant. Height:	1.2525 m	Ellip. Height:	147.8030 m	Height:	104.7216 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP713	1.2855	-92.0280	21.9224	75.0940	120.7844	1.5 - 2.3	1.1 - 1.7	0.6 - 0.8	0.9 - 1.5	28.02.2024 12:43:47	28.02.2024 14:28:02	01:44:15
2	GMP714N	1.2325	-322.0971	-69.6109	315.1457	455.9704	1.5 - 2.3	1.1 - 1.7	0.6 - 0.9	0.9 - 1.5	28.02.2024 13:37:12	28.02.2024 14:28:17	00:51:05

Station Id: GMP713

Date/Time:	28.02.2024 12:43:47	WGS84 Latitude:	46° 04' 11.94" N	Easting:	7400030.5015 m
Point Role:	Averaged	WGS84 Longitude:	19° 42' 07.76" E	Northing:	5103663.2343 m
Station Ant. Height:	1.2855 m	Ellip. Height:	146.9018 m	Height:	103.8213 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP714N	1.2325	-230.0691	-91.5333	240.0520	344.8696	1.5 - 2.3	1.1 - 1.7	0.6 - 0.9	0.9 - 1.5	28.02.2024 13:37:12	28.02.2024 14:28:17	00:51:05
2	GMP715	1.2335	-312.1301	-103.4098	317.8371	457.3174	1.5 - 2.0	1.1 - 1.5	0.6 - 0.8	0.9 - 1.3	28.02.2024 13:40:50	28.02.2024 15:28:47	01:47:57

Station Id: GMP714N

Date/Time:	28.02.2024 13:37:12	WGS84 Latitude:	46° 04' 23.11" N	Easting:	7400027.5097 m
Point Role:	Averaged	WGS84 Longitude:	19° 42' 07.36" E	Northing:	5104008.0831 m
Station Ant. Height:	1.2325 m	Ellip. Height:	148.1116 m	Height:	105.0333 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP716	1.1385	-	-	180.4004	270.9501	1.5 -	1.1 -	0.6 -	0.9 -	28.02.2024	28.02.2024	01:42:20

			149.7830	135.7746			2.3	1.7	0.9	1.5	13:42:12	15:24:32	
2	GMP715	1.2335	-82.0610	-11.8765	77.7851	113.6907	1.5 - 2.3	1.1 - 1.7	0.6 - 0.9	0.9 - 1.5	28.02.2024 13:40:50	28.02.2024 15:28:47	01:47:57

Station Id: GMP716

Date/Time:	28.02.2024 13:42:12	WGS84 Latitude:	46° 04' 31.52" N	Easting:	7399954.4238 m
Point Role:	Averaged	WGS84 Longitude:	19° 42' 03.76" E	Northing:	5104268.9850 m
Station Ant. Height:	1.1385 m	Ellip. Height:	148.4652 m	Height:	105.3884 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP717	1.3335	-78.2829	-48.4723	86.0267	126.0094	2.3 - 2.9	1.7 - 2.1	0.8	1.4 - 1.9	28.02.2024 14:37:32	28.02.2024 15:23:07	00:45:35

Station Id: GMP715

Date/Time:	28.02.2024 13:40:50	WGS84 Latitude:	46° 04' 26.75" N	Easting:	7400045.8247 m
Point Role:	Averaged	WGS84 Longitude:	19° 42' 08.12" E	Northing:	5104120.2867 m
Station Ant. Height:	1.2335 m	Ellip. Height:	147.7615 m	Height:	104.6839 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP717	1.3335	-146.0044	-172.3703	188.6417	294.3034	2.3 - 2.9	1.7 - 2.1	0.8	1.4 - 1.9	28.02.2024 14:37:32	28.02.2024 15:23:07	00:45:35
2	GMP716	1.1385	-67.7206	-123.8975	102.6161	174.5472	1.3 - 1.8	0.9 - 1.2	0.5 - 0.6	0.7 - 1.0	28.02.2024 13:42:12	28.02.2024 15:24:32	01:42:20

Station Id: GMP720

Date/Time:	29.02.2024 08:16:37	WGS84 Latitude:	46° 04' 44.05" N	Easting:	7399676.9495 m
Point Role:	Navigated RTK	WGS84 Longitude:	19° 41' 50.55" E	Northing:	5104660.5060 m
Station Ant. Height:	1.2145 m	Ellip. Height:	148.8516 m	Height:	105.7768 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP722	1.1975	-79.4609	-250.3907	155.0241	305.0278	1.9 - 3.3	1.5 - 2.5	0.7 - 1.1	1.2 - 2.2	29.02.2024 08:24:02	29.02.2024 09:20:02	00:56:00
2	GMP721	1.3545	-76.3515	-93.3203	102.0897	157.9890	1.9 - 3.6	1.5 - 2.7	0.7 - 1.5	1.3 - 2.4	29.02.2024 08:18:52	29.02.2024 09:20:07	01:01:15

Station Id: GMP721

Date/Time:	29.02.2024 08:18:52	WGS84 Latitude:	46° 04' 48.75" N	Easting:	7399617.2096 m
Point Role:	Fixed PP	WGS84 Longitude:	19° 41' 47.66" E	Northing:	5104806.7505 m
Station Ant. Height:	1.3545 m	Ellip. Height:	150.7064 m	Height:	107.6324 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

		Antenna Height				Slope Dist.							

#	To	[m]	Δx [m]	Δy [m]	Δz [m]	[m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP722	1.1975	-3.1095	-157.0703	52.9373	165.7803	1.8 - 3.3	1.4 - 2.4	0.7 - 1.0	1.2 - 2.2	29.02.2024 08:24:02	29.02.2024 09:20:02	00:56:00
2	GMP723N	1.6715	-102.0054	-260.3461	176.4849	330.6541	1.8 - 3.3	1.4 - 2.4	0.7 - 1.0	1.2 - 2.2	29.02.2024 08:27:50	29.02.2024 10:19:25	01:51:35

Station Id: GMP722

Date/Time:	29.02.2024 08:24:02	WGS84 Latitude:	46° 04' 51.25" N	Easting:	7399471.6590 m
Point Role:	Averaged	WGS84 Longitude:	19° 41' 40.82" E	Northing:	5104886.1025 m
Station Ant. Height:	1.1975 m	Ellip. Height:	150.0868 m	Height:	107.0131 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP724	1.5145	-109.4690	-199.4572	163.2087	280.0066	1.6 - 1.8	1.2 - 1.4	0.6 - 0.7	1.0 - 1.2	29.02.2024 08:34:20	29.02.2024 10:19:20	01:45:00
2	GMP723N	1.6715	-98.8963	-103.2761	123.5472	188.9718	1.6 - 1.8	1.2 - 1.4	0.6 - 0.7	1.0 - 1.2	29.02.2024 08:27:50	29.02.2024 10:19:25	01:51:35

Station Id: GMP723N

Date/Time:	29.02.2024 08:27:50	WGS84 Latitude:	46° 04' 57.01" N	Easting:	7399410.6782 m
Point Role:	Averaged	WGS84 Longitude:	19° 41' 37.85" E	Northing:	5105064.9616 m
Station Ant. Height:	1.6715 m	Ellip. Height:	150.3555 m	Height:	107.2828 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP725N	1.2345	-59.3267	-157.4228	105.7156	198.6892	1.4 - 2.0	1.1 - 1.6	0.6 - 0.8	0.9 - 1.3	29.02.2024 09:31:22	29.02.2024 10:19:02	00:47:40
2	GMP724	1.5145	-10.5750	-96.1819	39.6616	104.5745	1.3 - 1.7	0.9 - 1.2	0.4 - 0.5	0.8 - 1.0	29.02.2024 08:34:20	29.02.2024 10:19:20	01:45:00

Station Id: GMP724

Date/Time:	29.02.2024 08:34:20	WGS84 Latitude:	46° 04' 58.89" N	Easting:	7399324.6509 m
Point Role:	Averaged	WGS84 Longitude:	19° 41' 33.80" E	Northing:	5105124.4098 m
Station Ant. Height:	1.5145 m	Ellip. Height:	149.5383 m	Height:	106.4658 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP725N	1.2345	-48.7518	-61.2403	66.0547	102.4224	1.4 - 2.0	1.1 - 1.6	0.6 - 0.8	0.9 - 1.3	29.02.2024 09:31:22	29.02.2024 10:19:02	00:47:40
2	GMP726	0.9545	-89.0009	-124.2490	124.2363	196.9610	1.7 - 2.2	1.4 - 1.7	0.7 - 1.0	1.1 - 1.4	29.02.2024 09:30:42	29.02.2024 11:18:07	01:47:25

Station Id: GMP725N

Date/Time:	29.02.2024 09:31:22	WGS84 Latitude:	46° 05' 01.92" N	Easting:	7399284.9656 m
Point Role:	Averaged	WGS84 Longitude:	19° 41' 31.88" E	Northing:	5105218.8190 m
Station Ant. Height:	1.2345 m	Ellip. Height:	150.9699 m	Height:	107.8979 m

Time Settings

Time Format:	HH:mm:ss

Time System: Local Time
Leap Seconds: 18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP726	0.9545	-40.2485	-63.0086	58.1817	94.7372	1.7 - 2.3	1.4 - 1.8	0.7 - 1.0	1.1 - 1.5	29.02.2024 09:30:42	29.02.2024 11:18:07	01:47:25
2	GMP727	1.1975	-89.2326	-178.5283	142.0913	244.9995	1.7 - 2.3	1.4 - 1.8	0.7 - 1.0	1.1 - 1.5	29.02.2024 09:34:07	29.02.2024 11:18:02	01:43:55

Station Id: GMP727

Date/Time: 29.02.2024 09:34:07
Point Role: Averaged
Station Ant. Height: 1.1975 m
WGS84 Latitude: 46° 05' 08.48" N
WGS84 Longitude: 19° 41' 25.46" E
Ellip. Height: 153.3311 m
Easting: 7399150.2924 m
Northing: 5105423.4673 m
Height: 110.2602 m

Time Settings
Time Format: HH:mm:ss
Time System: Local Time
Leap Seconds: 18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP728N	1.3545	-3.8009	-57.2456	20.2529	60.8415	1.8 - 2.9	1.4 - 2.1	0.7 - 1.2	1.1 - 1.7	29.02.2024 10:28:02	29.02.2024 11:18:07	00:50:05
2	GMP729N	1.3445	-48.1509	-139.0067	87.8719	171.3559	1.8 - 2.4	1.4 - 1.8	0.7 - 1.0	1.2 - 1.5	29.02.2024 10:27:50	29.02.2024 12:16:14	01:48:24

Station Id: GMP726

Date/Time: 29.02.2024 09:30:42
Point Role: Averaged
Station Ant. Height: 0.9545 m
WGS84 Latitude: 46° 05' 04.61" N
WGS84 Longitude: 19° 41' 29.75" E
Ellip. Height: 151.8717 m
Easting: 7399240.5739 m
Northing: 5105302.5055 m
Height: 108.8002 m

Time Settings
Time Format: HH:mm:ss
Time System: Local Time
Leap Seconds: 18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP727	1.1975	-48.9961	-115.5236	83.8993	150.9484	1.7 - 2.8	1.3 - 2.0	0.6 - 1.2	1.1 - 1.6	29.02.2024 09:34:07	29.02.2024 11:18:02	01:43:55
2	GMP728N	1.3545	-52.8142	-172.7746	104.1326	208.5282	1.8 - 2.3	1.4 - 1.7	0.7 - 1.0	1.1 - 1.4	29.02.2024 10:28:02	29.02.2024 11:18:07	00:50:05

Station Id: GMP728N

Date/Time: 29.02.2024 10:28:02
Point Role: Averaged
Station Ant. Height: 1.3545 m
WGS84 Latitude: 46° 05' 09.47" N
WGS84 Longitude: 19° 41' 23.01" E
Ellip. Height: 152.0223 m
Easting: 7399098.1852 m
Northing: 5105454.8481 m
Height: 108.9515 m

Time Settings
Time Format: HH:mm:ss
Time System: Local Time
Leap Seconds: 18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP729N	1.3445	-44.3205	-81.7510	67.6503	114.9961	1.5 - 2.1	1.2 - 1.6	0.6 - 0.9	1.0 - 1.3	29.02.2024 10:27:50	29.02.2024 12:16:14	01:48:24
2	GMP730N	1.3225	-75.2543	-176.3460	127.2661	230.1256	1.5 - 2.3	1.2 - 1.7	0.6 - 0.9	1.0 - 1.4	29.02.2024 10:32:52	29.02.2024 12:16:20	01:43:28

Station Id: GMP730N

Date/Time: 29.02.2024 10:32:52
Point Role: Averaged
WGS84 Latitude: 46° 05' 15.36" N
WGS84 Longitude: 19° 41' 16.46" E
Easting: 7398960.5225 m
Northing: 5105639.2460 m

Station Ant. Height:	1.3225 m	Ellip. Height:	153.3551 m	Height:	110.2852 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP731N	1.3695	-78.9401	-151.0738	122.2794	209.7786	1.6 - 2.5	1.2 - 1.8	0.7 - 0.9	1.0 - 1.6	29.02.2024 11:28:22	29.02.2024 12:16:07	00:47:45
2	GMP732N	1.2225	-107.8001	-233.7601	176.1469	311.9172	1.9 - 2.5	1.5 - 1.8	0.7 - 0.9	1.2 - 1.6	29.02.2024 11:28:27	29.02.2024 13:19:37	01:51:10

Station Id: GMP731N

Date/Time:	29.02.2024 11:28:22	WGS84 Latitude:	46° 05' 21.03" N	Easting:	7398847.7732 m
Point Role:	Averaged	WGS84 Longitude:	19° 41' 11.08" E	Northing:	5105816.1426 m
Station Ant. Height:	1.3695 m	Ellip. Height:	154.6254 m	Height:	111.5564 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP733N	1.3125	-59.3126	-127.0636	96.3343	170.1277	2.0 - 3.1	1.5 - 2.2	0.7 - 0.9	1.3 - 2.0	29.02.2024 11:31:32	29.02.2024 13:17:07	01:45:35
2	GMP732N	1.2225	-28.8622	-82.6900	53.8608	102.8185	1.8 - 3.1	1.4 - 2.2	0.7 - 0.9	1.2 - 2.0	29.02.2024 11:28:27	29.02.2024 13:19:37	01:51:10

Station Id: GMP729N

Date/Time:	29.02.2024 10:27:50	WGS84 Latitude:	46° 05' 12.60" N	Easting:	7399037.7495 m
Point Role:	Averaged	WGS84 Longitude:	19° 41' 20.12" E	Northing:	5105552.6790 m
Station Ant. Height:	1.3445 m	Ellip. Height:	152.7070 m	Height:	109.6367 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP731N	1.3695	-109.8483	-245.6643	181.9156	324.8244	1.6 - 2.5	1.2 - 1.8	0.6 - 0.9	1.0 - 1.6	29.02.2024 11:28:22	29.02.2024 12:16:07	00:47:45
2	GMP730N	1.3225	-30.9172	-94.5925	59.6133	116.0059	1.6 - 2.1	1.1 - 1.4	0.5 - 0.6	0.9 - 1.3	29.02.2024 10:32:52	29.02.2024 12:16:20	01:43:28

Station Id: GMP732N

Date/Time:	29.02.2024 11:28:27	WGS84 Latitude:	46° 05' 23.53" N	Easting:	7398780.9226 m
Point Role:	Averaged	WGS84 Longitude:	19° 41' 07.90" E	Northing:	5105894.2564 m
Station Ant. Height:	1.2225 m	Ellip. Height:	155.2550 m	Height:	112.1864 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP734N	1.3265	-31.9585	-72.4391	53.2236	95.4019	1.7 - 3.1	1.3 - 2.2	0.7 - 1.1	1.0 - 1.9	29.02.2024 12:21:52	29.02.2024 13:17:02	00:55:10
2	GMP733N	1.3125	-30.4313	-44.3671	42.4828	68.5514	1.7 - 3.1	1.3 - 2.2	0.7 - 1.1	1.0 - 1.9	29.02.2024 11:31:32	29.02.2024 13:17:07	01:45:35

Station Id: GMP736

Date/Time:	29.02.2024 12:32:27	WGS84 Latitude:	46° 05' 32.43" N	Easting:	7398476.4274 m
Point Role:	Averaged	WGS84 Longitude:	19° 40' 53.52" E	Northing:	5106174.1796 m
Station Ant. Height:	1.0605 m	Ellip. Height:	156.9854 m	Height:	113.9180 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP737N	1.3135	-24.8465	-61.4189	42.2409	78.5743	1.6 - 2.4	1.2 - 1.7	0.6 - 1.0	1.0 - 1.4	29.02.2024 13:38:07	29.02.2024 14:24:27	00:46:20
2	GMP738N	1.1145	-53.9920	-357.0134	164.3323	396.7099	1.7 - 2.4	1.3 - 1.8	0.6 - 0.9	1.1 - 1.5	29.02.2024 13:31:57	29.02.2024 15:20:07	01:48:10

Station Id: GMP737N

Date/Time:	29.02.2024 13:38:07	WGS84 Latitude:	46° 05' 34.41" N	Easting:	7398427.9709 m
Point Role:	Averaged	WGS84 Longitude:	19° 40' 51.21" E	Northing:	5106236.0382 m
Station Ant. Height:	1.3135 m	Ellip. Height:	156.8588 m	Height:	113.7916 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP739	1.1195	-30.1385	-137.2812	72.7686	158.2711	1.5 - 2.4	1.1 - 1.8	0.6 - 0.9	0.9 - 1.6	29.02.2024 13:38:32	29.02.2024 15:20:02	01:41:30
2	GMP738N	1.1145	-29.1463	-295.5946	122.0905	321.1414	1.5 - 2.6	1.1 - 1.9	0.6 - 0.9	0.9 - 1.6	29.02.2024 13:31:57	29.02.2024 15:20:07	01:48:10

Station Id: GMP739

Date/Time:	29.02.2024 13:38:32	WGS84 Latitude:	46° 05' 37.78" N	Easting:	7398310.6042 m
Point Role:	Fixed PP	WGS84 Longitude:	19° 40' 45.67" E	Northing:	5106342.2156 m
Station Ant. Height:	1.1195 m	Ellip. Height:	157.5454 m	Height:	114.4787 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP740N	1.2545	-130.1882	-381.7807	241.0712	469.9158	2.0 - 3.0	1.5 - 2.1	0.7 - 0.8	1.3 - 1.9	29.02.2024 14:31:55	29.02.2024 15:25:09	00:53:14
2	GMP738N	1.1145	0.9867	-158.3122	49.3157	165.8185	2.0 - 3.6	1.5 - 2.5	0.7 - 1.0	1.3 - 2.2	29.02.2024 13:31:57	29.02.2024 15:20:07	01:48:10

Station Id: GMP738N

Date/Time:	29.02.2024 13:31:57	WGS84 Latitude:	46° 05' 40.11" N	Easting:	7398162.4214 m
Point Role:	Averaged	WGS84 Longitude:	19° 40' 38.71" E	Northing:	5106416.6248 m
Station Ant. Height:	1.1145 m	Ellip. Height:	156.7572 m	Height:	113.6907 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

		Antenna Height				Slope Dist.							

#	To	[m]	Δx [m]	Δy [m]	Δz [m]	[m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP741N	1.2395	-112.7298	-280.6235	193.4915	359.0216	2.4 - 3.6	1.8 - 2.5	0.8 - 1.0	1.5 - 2.2	29.02.2024 14:36:22	29.02.2024 16:25:02	01:48:40
2	GMP740N	1.2545	-131.1761	-223.4690	191.7531	322.3582	2.4 - 3.6	1.8 - 2.5	0.8 - 1.0	1.5 - 2.2	29.02.2024 14:31:55	29.02.2024 15:25:09	00:53:14

Station Id: GMP740N

Date/Time:	29.02.2024 14:31:55	WGS84 Latitude:	46° 05' 49.06" N	Easting:	7398000.7868 m
Point Role:	Averaged	WGS84 Longitude:	19° 40' 30.97" E	Northing:	5106695.5262 m
Station Ant. Height:	1.2545 m	Ellip. Height:	157.0816 m	Height:	114.0167 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP741N	1.2395	18.4465	-57.1569	1.7320	60.0848	1.7 - 3.0	1.3 - 2.1	0.7 - 0.9	1.1 - 1.9	29.02.2024 14:36:22	29.02.2024 16:25:02	01:48:40
2	GMP742N	1.2455	-28.0264	-64.3531	46.2402	84.0533	1.5 - 2.0	1.0 - 1.3	0.6	0.8 - 1.1	29.02.2024 14:35:32	29.02.2024 16:28:04	01:52:32

Station Id: GMP741N

Date/Time:	29.02.2024 14:36:22	WGS84 Latitude:	46° 05' 49.14" N	Easting:	7397940.8083 m
Point Role:	Averaged	WGS84 Longitude:	19° 40' 28.18" E	Northing:	5106699.0778 m
Station Ant. Height:	1.2395 m	Ellip. Height:	157.0320 m	Height:	113.9670 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP744N	1.1705	-52.4962	-117.9356	85.3997	154.7829	1.8 - 2.5	1.4 - 2.0	0.7 - 1.3	1.1 - 1.5	29.02.2024 15:33:52	29.02.2024 16:23:27	00:49:35
2	GMP742N	1.2455	-46.4831	-7.1945	44.5103	64.7581	1.4 - 2.2	1.1 - 1.6	0.6 - 0.9	0.9 - 1.4	29.02.2024 14:35:32	29.02.2024 16:28:04	01:52:32

Station Id: GMP733N

Date/Time:	01.03.2024 08:26:27	WGS84 Latitude:	46° 05' 25.50" N	Easting:	7398750.4083 m
Point Role:	Averaged	WGS84 Longitude:	19° 41' 06.44" E	Northing:	5105955.6440 m
Station Ant. Height:	1.3955 m	Ellip. Height:	155.6131 m	Height:	112.5448 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP734N	1.3605	-1.5093	-28.0694	10.7574	30.0980	2.0 - 3.1	1.5 - 2.3	0.8 - 1.1	1.3 - 2.1	01.03.2024 08:20:17	01.03.2024 09:17:52	00:57:35
2	GMP735N	1.6275	-81.5805	-191.7268	132.7740	247.0697	3.1 - 4.5	2.2 - 3.2	0.9 - 1.3	2.0 - 2.9	01.03.2024 08:19:22	01.03.2024 09:16:07	00:56:45

Station Id: GMP734N

Date/Time:	01.03.2024 08:20:17	WGS84 Latitude:	46° 05' 25.99" N	Easting:	7398724.7476 m
Point Role:	Averaged	WGS84 Longitude:	19° 41' 05.23" E	Northing:	5105971.3643 m
Station Ant. Height:	1.3605 m	Ellip. Height:	155.8105 m	Height:	112.7423 m

Time Settings

Time Format:	HH:mm:ss

Time System: Local Time
Leap Seconds: 18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP735N	1.6275	-80.0754	-163.6585	122.0134	219.2794	2.3 - 4.3	1.8 - 3.1	0.8 - 1.1	1.5 - 2.9	01.03.2024 08:19:22	01.03.2024 09:16:07	00:56:45
2	GMP736	1.0995	-49.2521	-284.8780	138.6337	320.6252	2.0 - 5.2	1.5 - 3.8	0.8 - 1.9	1.3 - 3.2	01.03.2024 08:25:28	01.03.2024 09:18:38	00:53:10

Station Id: GMP735N

Date/Time: 01.03.2024 08:19:22
Point Role: Averaged
Station Ant. Height: 1.6275 m
WGS84 Latitude: 46° 05' 31.78" N
WGS84 Longitude: 19° 40' 59.31" E
Ellip. Height: 153.2023 m
Easting: 7398600.5954 m
Northing: 5106152.0906 m
Height: 110.1350 m

Time Settings
Time Format: HH:mm:ss
Time System: Local Time
Leap Seconds: 18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP736	1.0995	30.8223	-121.2210	16.6192	126.1775	3.4 - 15.7	2.3 - 10.5	1.0 - 1.8	2.1 - 10.3	01.03.2024 08:25:28	01.03.2024 09:18:38	00:53:10
2	GMP737N	1.2265	5.9928	-182.6494	58.8663	191.9947	2.3 - 4.9	1.8 - 3.5	0.9 - 1.2	1.5 - 3.2	01.03.2024 08:30:43	01.03.2024 09:16:45	00:46:02

Station Id: GMP744N

Date/Time: 01.03.2024 09:37:47
Point Role: Averaged
Station Ant. Height: 1.2125 m
WGS84 Latitude: 46° 05' 53.14" N
WGS84 Longitude: 19° 40' 23.83" E
Ellip. Height: 156.7578 m
Easting: 7397849.5077 m
Northing: 5106824.0562 m
Height: 113.6934 m

Time Settings
Time Format: HH:mm:ss
Time System: Local Time
Leap Seconds: 18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP745N	1.2925	-104.8551	-60.1056	114.4935	166.4813	1.6 - 4.1	1.3 - 2.9	0.6 - 1.4	1.1 - 2.6	01.03.2024 09:34:37	01.03.2024 10:32:12	00:57:35
2	GMP746N	1.2795	-139.1800	-135.4188	170.4527	258.3862	1.6 - 2.3	1.3 - 1.7	0.6 - 0.9	1.1 - 1.5	01.03.2024 09:40:17	01.03.2024 10:32:07	00:51:50

Station Id: GMP746N

Date/Time: 01.03.2024 09:40:17
Point Role: Averaged
Station Ant. Height: 1.2795 m
WGS84 Latitude: 46° 06' 01.09" N
WGS84 Longitude: 19° 40' 20.08" E
Ellip. Height: 157.0926 m
Easting: 7397772.9570 m
Northing: 5107070.8370 m
Height: 114.0297 m

Time Settings
Time Format: HH:mm:ss
Time System: Local Time
Leap Seconds: 18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP748N	1.4305	-127.3644	-115.4340	152.6380	229.8806	1.6 - 2.2	1.3 - 1.7	0.6 - 0.8	1.1 - 1.5	01.03.2024 09:45:01	01.03.2024 11:32:06	01:47:05
2	GMP747N	1.5015	-69.6617	-27.5771	71.4919	103.5584	1.7 - 4.2	1.3 - 3.0	0.7 - 1.8	1.1 - 2.5	01.03.2024 09:45:25	01.03.2024 11:32:26	01:47:01

Station Id: GMP745N

Date/Time: 01.03.2024 09:34:37
Point Role: Averaged
WGS84 Latitude: 46° 05' 58.48" N
WGS84 Longitude: 19° 40' 22.84" E
Easting: 7397830.9750 m
Northing: 5106989.4981 m

Station Ant. Height:	1.2925 m	Ellip. Height:	156.7683 m	Height:	113.7050 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP746N	1.2795	-34.3246	-75.3129	55.9598	99.9085	1.6 - 9.8	1.3 - 6.8	0.6 - 2.8	1.1 - 6.1	01.03.2024 09:40:17	01.03.2024 10:32:07	00:51:50
2	GMP747N	1.5015	-103.9856	-102.8893	127.4505	194.0176	1.5 - 6.5	1.2 - 4.5	0.6 - 2.6	1.0 - 3.6	01.03.2024 09:45:25	01.03.2024 11:32:26	01:47:01

Station Id: GMP748N

Date/Time:	01.03.2024 09:45:01	WGS84 Latitude:	46° 06' 08.22" N	Easting:	7397710.8213 m
Point Role:	Averaged	WGS84 Longitude:	19° 40' 17.01" E	Northing:	5107292.1567 m
Station Ant. Height:	1.4305 m	Ellip. Height:	156.9765 m	Height:	113.9149 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP749N	1.3245	-109.1542	-54.0812	116.2088	168.3565	1.9 - 6.1	1.4 - 4.1	0.7 - 1.6	1.2 - 3.8	01.03.2024 10:41:17	01.03.2024 11:32:27	00:51:10
2	GMP750N	1.1875	-151.1641	-146.4012	184.5546	279.9005	1.8 - 2.6	1.4 - 2.0	0.7 - 1.1	1.2 - 1.6	01.03.2024 10:44:12	01.03.2024 12:33:47	01:49:35

Station Id: GMP747N

Date/Time:	01.03.2024 09:45:25	WGS84 Latitude:	46° 06' 04.44" N	Easting:	7397772.1702 m
Point Role:	Averaged	WGS84 Longitude:	19° 40' 19.96" E	Northing:	5107174.3893 m
Station Ant. Height:	1.5015 m	Ellip. Height:	156.6887 m	Height:	113.6264 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP748N	1.4305	-57.7026	-87.8569	81.1443	132.7886	1.5 - 2.1	1.0 - 1.4	0.5 - 0.7	0.9 - 1.2	01.03.2024 09:45:01	01.03.2024 11:32:06	01:47:05
2	GMP749N	1.3245	-166.8545	-141.9284	197.3528	294.8427	2.0 - 6.1	1.5 - 4.1	0.8 - 1.6	1.3 - 3.8	01.03.2024 10:41:17	01.03.2024 11:32:27	00:51:10

Station Id: GMP749N

Date/Time:	01.03.2024 10:41:17	WGS84 Latitude:	46° 06' 13.65" N	Easting:	7397699.4479 m
Point Role:	Averaged	WGS84 Longitude:	19° 40' 16.35" E	Northing:	5107460.1232 m
Station Ant. Height:	1.3245 m	Ellip. Height:	156.8281 m	Height:	113.7676 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP751N	1.2795	-83.7331	-114.3799	113.3494	181.4995	1.9 - 6.1	1.4 - 4.1	0.7 - 1.6	1.2 - 3.8	01.03.2024 10:46:47	01.03.2024 12:32:07	01:45:20
2	GMP750N	1.1875	-42.0056	-92.3154	68.3574	122.3084	2.0 - 6.0	1.5 - 4.0	0.8 - 1.5	1.3 - 3.7	01.03.2024 10:44:12	01.03.2024 12:33:47	01:49:35

Station Id: GMP752N

Date/Time:	01.03.2024 11:46:47	WGS84 Latitude:	46° 06' 23.29" N	Easting:	7397544.3420 m
Point Role:	Averaged	WGS84 Longitude:	19° 40' 08.90" E	Northing:	5107760.3283 m
Station Ant. Height:	1.3825 m	Ellip. Height:	157.0409 m	Height:	113.9821 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP754N	1.2495	-125.8786	-122.1003	154.1446	233.4834	1.7 - 14.3	1.3 - 9.4	0.7 - 5.1	1.1 - 7.9	01.03.2024 11:45:20	01.03.2024 13:56:00	02:10:40
2	GMP753N	1.5715	-36.0960	-1.6602	33.7526	49.4460	1.8 - 2.8	1.3 - 2.2	0.7 - 1.6	1.1 - 1.8	01.03.2024 11:41:22	01.03.2024 13:55:07	02:13:45

Station Id: GMP751N

Date/Time:	01.03.2024 10:46:47	WGS84 Latitude:	46° 06' 18.94" N	Easting:	7397622.6660 m
Point Role:	Averaged	WGS84 Longitude:	19° 40' 12.65" E	Northing:	5107624.5915 m
Station Ant. Height:	1.2795 m	Ellip. Height:	157.1393 m	Height:	114.0797 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP752N	1.3825	-64.1460	-108.5052	93.1185	156.7136	1.7 - 3.0	1.3 - 2.2	0.7 - 1.6	1.1 - 1.8	01.03.2024 11:46:47	01.03.2024 12:31:52	00:45:05
2	GMP753N	1.5715	-100.2448	-110.1675	126.8697	195.6575	1.7 - 2.6	1.2 - 1.9	0.7 - 1.0	1.0 - 1.6	01.03.2024 11:41:22	01.03.2024 13:55:07	02:13:45

Station Id: GMP750N

Date/Time:	01.03.2024 10:44:12	WGS84 Latitude:	46° 06' 16.84" N	Easting:	7397628.3051 m
Point Role:	Averaged	WGS84 Longitude:	19° 40' 12.96" E	Northing:	5107559.6141 m
Station Ant. Height:	1.1875 m	Ellip. Height:	157.1037 m	Height:	114.0437 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP752N	1.3825	-105.8862	-130.5676	138.1282	217.5757	1.8 - 3.6	1.4 - 2.5	0.7 - 1.4	1.1 - 2.1	01.03.2024 11:46:47	01.03.2024 12:31:52	00:45:05
2	GMP751N	1.2795	-41.7392	-22.0610	45.0082	65.2272	1.8 - 2.3	1.3 - 1.7	0.7 - 0.9	1.1 - 1.5	01.03.2024 10:46:47	01.03.2024 12:32:07	01:45:20

Station Id: GMP758N

Date/Time:	01.03.2024 12:58:52	WGS84 Latitude:	46° 06' 51.29" N	Easting:	7397287.4446 m
Point Role:	Averaged	WGS84 Longitude:	19° 39' 56.26" E	Northing:	5108629.3336 m
Station Ant. Height:	1.3685 m	Ellip. Height:	164.2632 m	Height:	121.2094 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

		Antenna Height				Slope Dist.							

#	To	[m]	Δx [m]	Δy [m]	Δz [m]	[m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP759	1.2935	-74.8753	-106.4089	98.0303	162.9082	2.1 - 3.3	1.5 - 2.3	0.7 - 1.3	1.3 - 2.0	01.03.2024 12:56:12	01.03.2024 13:51:12	00:55:00
2	GMP760	1.4165	-144.9948	-122.1457	166.4330	252.2756	1.7 - 3.3	1.3 - 2.3	0.7 - 1.3	1.0 - 2.0	01.03.2024 12:54:27	01.03.2024 13:48:37	00:54:10

Station Id: GMP759

Date/Time:	01.03.2024 12:56:12	WGS84 Latitude:	46° 06' 55.97" N	Easting:	7397214.8725 m
Point Role:	Averaged	WGS84 Longitude:	19° 39' 52.77" E	Northing:	5108775.1533 m
Station Ant. Height:	1.2935 m	Ellip. Height:	161.2144 m	Height:	118.1616 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP760	1.4165	-70.1196	-15.7367	68.4029	99.2137	1.9 - 3.5	1.4 - 2.4	0.7 - 1.2	1.2 - 2.1	01.03.2024 12:54:27	01.03.2024 13:48:37	00:54:10

Station Id: GMP754N

Date/Time:	01.03.2024 11:45:20	WGS84 Latitude:	46° 06' 30.48" N	Easting:	7397475.4661 m
Point Role:	Averaged	WGS84 Longitude:	19° 40' 05.52" E	Northing:	5107983.4123 m
Station Ant. Height:	1.2495 m	Ellip. Height:	157.4582 m	Height:	114.4007 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP759	1.2935	-439.6810	-447.9308	548.4837	833.5441	1.9 - 5.5	1.4 - 3.7	0.7 - 1.6	1.2 - 3.3	01.03.2024 12:56:12	01.03.2024 13:51:12	00:55:00
2	GMP758N	1.3685	-364.8053	-341.5217	450.4542	672.7771	2.1 - 5.5	1.5 - 3.7	0.7 - 1.6	1.3 - 3.3	01.03.2024 12:58:52	01.03.2024 13:53:52	00:55:00

Station Id: GMP753N

Date/Time:	01.03.2024 11:41:22	WGS84 Latitude:	46° 06' 24.85" N	Easting:	7397555.7337 m
Point Role:	Averaged	WGS84 Longitude:	19° 40' 09.39" E	Northing:	5107808.4419 m
Station Ant. Height:	1.5715 m	Ellip. Height:	157.4091 m	Height:	114.3506 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP758N	1.3685	-454.5809	-461.9346	570.8501	863.6534	2.1 - 3.3	1.5 - 2.3	0.8 - 1.3	1.3 - 2.0	01.03.2024 12:58:52	01.03.2024 13:53:52	00:55:00
2	GMP754N	1.2495	-89.7709	-120.4142	120.4027	192.4973	2.1 - 3.0	1.3 - 1.8	0.7 - 0.9	1.1 - 1.6	01.03.2024 11:45:20	01.03.2024 13:56:00	02:10:40

Station Id: GMP768

Date/Time:	01.03.2024 14:16:42	WGS84 Latitude:	46° 07' 30.59" N	Easting:	7396920.6337 m
Point Role:	Averaged	WGS84 Longitude:	19° 39' 38.23" E	Northing:	5109849.1165 m
Station Ant. Height:	1.2335 m	Ellip. Height:	159.2988 m	Height:	116.2526 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP770	1.1615	-265.9614	-255.0224	325.9844	491.9733	1.7 - 2.8	1.3 - 2.0	0.7 - 0.9	1.1 - 1.8	01.03.2024 14:22:12	01.03.2024 15:08:08	00:45:56
2	GMP769N	1.2845	-193.4672	-215.7297	249.0014	382.0610	1.6 - 3.0	1.2 - 2.1	0.7 - 0.9	1.0 - 1.8	01.03.2024 14:21:20	01.03.2024 15:10:19	00:48:59

Station Id: GMP766

Date/Time:	01.03.2024 14:10:07	WGS84 Latitude:	46° 07' 22.27" N	Easting:	7397002.3056 m
Point Role:	Navigated RTK	WGS84 Longitude:	19° 39' 42.23" E	Northing:	5109590.8620 m
Station Ant. Height:	1.2325 m	Ellip. Height:	157.9722 m	Height:	114.9244 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP768	1.2335	-144.5477	-142.9768	178.9765	270.8671	2.1 - 3.0	1.5 - 2.2	0.7 - 1.2	1.3 - 1.9	01.03.2024 14:16:42	01.03.2024 15:08:12	00:51:30
2	GMP767	0.9535	-60.0501	-107.8817	89.9895	152.7828	2.1 - 2.9	1.5 - 2.0	0.7 - 0.9	1.3 - 1.8	01.03.2024 14:15:22	01.03.2024 15:10:32	00:55:10

Station Id: GMP767

Date/Time:	01.03.2024 14:15:22	WGS84 Latitude:	46° 07' 26.46" N	Easting:	7396923.1059 m
Point Role:	Fixed PP	WGS84 Longitude:	19° 39' 38.44" E	Northing:	5109721.5113 m
Station Ant. Height:	0.9535 m	Ellip. Height:	158.4870 m	Height:	115.4399 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP768	1.2335	-84.4977	-35.0949	88.9870	127.6330	2.1 - 3.0	1.5 - 2.1	0.7 - 0.9	1.3 - 1.9	01.03.2024 14:16:42	01.03.2024 15:08:12	00:51:30
2	GMP769N	1.2845	-277.9664	-250.8248	337.9871	504.3944	2.1 - 3.9	1.6 - 2.7	0.8 - 1.0	1.3 - 2.5	01.03.2024 14:21:20	01.03.2024 15:10:19	00:48:59

Station Id: GMP770

Date/Time:	04.03.2024 09:18:27	WGS84 Latitude:	46° 07' 45.76" N	Easting:	7396777.8679 m
Point Role:	Averaged	WGS84 Longitude:	19° 39' 31.21" E	Northing:	5110319.9075 m
Station Ant. Height:	1.3275 m	Ellip. Height:	161.2544 m	Height:	118.2109 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP771N	1.5685	-53.8076	-83.4548	78.6454	126.6691	1.7 - 4.2	1.3 - 2.8	0.7 - 1.6	1.1 - 2.2	04.03.2024 09:24:42	04.03.2024 10:28:17	01:03:35
2	GMP772	1.2355	-146.0420	-137.2520	179.3213	268.9284	1.6 - 2.6	1.3 - 1.9	0.6 - 0.9	1.1 - 1.7	04.03.2024 09:32:28	04.03.2024 11:31:37	01:59:09

Station Id: GMP771N

Date/Time:	04.03.2024 09:24:42	WGS84 Latitude:	46° 07' 49.36" N	Easting:	7396719.2707 m
Point Role:	Averaged	WGS84 Longitude:	19° 39' 28.39" E	Northing:	5110432.1720 m
Station Ant. Height:	1.5685 m	Ellip. Height:	163.3797 m	Height:	120.3368 m

Time Settings

Time Format: HH:mm:ss
Time System: Local Time
Leap Seconds: 18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP773N	1.4675	-161.6021	-156.8330	198.2233	300.0072	1.5 - 2.0	1.2 - 1.6	0.6 - 0.8	1.0 - 1.3	04.03.2024 09:39:54	04.03.2024 11:30:42	01:50:48
2	GMP772	1.2355	-92.2355	-53.7981	100.6740	146.7545	1.5 - 2.1	1.2 - 1.6	0.6 - 0.9	1.0 - 1.4	04.03.2024 09:32:28	04.03.2024 11:31:37	01:59:09

Station Id: GMP772

Date/Time: 04.03.2024 09:32:28
Point Role: Averaged
Station Ant. Height: 1.2355 m
WGS84 Latitude: 46° 07' 54.07" N
WGS84 Longitude: 19° 39' 27.47" E
Ellip. Height: 163.2215 m
Easting: 7396702.0878 m
Northing: 5110577.9261 m
Height: 120.1796 m

Time Settings

Time Format: HH:mm:ss
Time System: Local Time
Leap Seconds: 18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP773N	1.4675	-69.3697	-103.0341	97.5564	157.9412	1.5 - 2.2	1.1 - 1.5	0.5 - 0.7	0.9 - 1.3	04.03.2024 09:39:54	04.03.2024 11:30:42	01:50:48
2	GMP774N	1.2405	-230.8448	-245.2429	289.7053	444.2550	1.5 - 2.2	1.2 - 1.6	0.6 - 0.8	1.0 - 1.4	04.03.2024 10:35:52	04.03.2024 12:30:32	01:54:40

Station Id: GMP778

Date/Time: 04.03.2024 10:44:37
Point Role: Averaged
Station Ant. Height: 1.0105 m
WGS84 Latitude: 46° 08' 21.01" N
WGS84 Longitude: 19° 39' 14.69" E
Ellip. Height: 163.0463 m
Easting: 7396441.7956 m
Northing: 5111414.0478 m
Height: 120.0094 m

Time Settings

Time Format: HH:mm:ss
Time System: Local Time
Leap Seconds: 18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP779N	1.3465	-161.9042	-189.9578	209.5857	325.9189	1.7 - 6.0	1.3 - 4.0	0.7 - 1.5	1.1 - 3.6	04.03.2024 12:55:07	04.03.2024 13:46:02	00:50:55
2	GMP780N	1.3885	-233.6660	-245.2872	292.4251	447.5243	1.5 - 3.4	1.2 - 2.4	0.6 - 1.2	0.9 - 2.1	04.03.2024 12:57:52	04.03.2024 14:56:12	01:58:20

Station Id: GMP779N

Date/Time: 04.03.2024 12:55:07
Point Role: Fixed PP
Station Ant. Height: 1.3465 m
WGS84 Latitude: 46° 08' 30.76" N
WGS84 Longitude: 19° 39' 08.89" E
Ellip. Height: 163.8963 m
Easting: 7396322.4753 m
Northing: 5111717.3454 m
Height: 120.8611 m

Time Settings

Time Format: HH:mm:ss
Time System: Local Time
Leap Seconds: 18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP781N	1.3785	-121.4689	-117.9662	148.0727	224.9361	1.7 - 6.0	1.3 - 4.0	0.7 - 1.5	1.1 - 3.6	04.03.2024 13:01:25	04.03.2024 14:59:05	01:57:40
2	GMP780N	1.3885	-71.7603	-55.3285	82.8419	122.7744	1.8 - 6.0	1.3 - 4.0	0.7 - 1.5	1.1 - 3.6	04.03.2024 12:57:52	04.03.2024 14:56:12	01:58:20

Station Id: GMP780N

Date/Time:	04.03.2024 12:57:52	WGS84 Latitude:	46° 08' 34.63" N	Easting:	7396296.5331 m
Point Role:	Fixed PP	WGS84 Longitude:	19° 39' 07.59" E	Northing:	5111837.3345 m
Station Ant. Height:	1.3885 m	Ellip. Height:	164.2663 m	Height:	121.2319 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP782	1.1505	-119.3976	-95.7863	137.4470	205.7243	2.0 - 2.9	1.5 - 2.0	0.7 - 0.9	1.3 - 1.8	04.03.2024 13:58:37	04.03.2024 15:01:17	01:02:40
2	GMP781N	1.3785	-49.7083	-62.6377	65.2266	103.1935	1.6 - 2.8	1.2 - 2.0	0.7 - 0.9	1.0 - 1.8	04.03.2024 13:01:25	04.03.2024 14:59:05	01:57:40

Station Id: GMP781N

Date/Time:	04.03.2024 13:01:25	WGS84 Latitude:	46° 08' 37.68" N	Easting:	7396255.8633 m
Point Role:	Fixed PP	WGS84 Longitude:	19° 39' 05.62" E	Northing:	5111932.1899 m
Station Ant. Height:	1.3785 m	Ellip. Height:	163.9200 m	Height:	120.8862 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP782	1.1505	-69.6901	-33.1496	72.2212	105.6954	2.0 - 3.8	1.5 - 2.6	0.7 - 1.0	1.3 - 2.4	04.03.2024 13:58:37	04.03.2024 15:01:17	01:02:40
2	GMP783N	1.3515	-141.3168	-149.5103	176.2150	270.8791	1.5 - 2.6	1.0 - 1.6	0.5 - 0.7	0.8 - 1.5	04.03.2024 14:04:31	04.03.2024 16:16:29	02:11:58

Station Id: GMP782

Date/Time:	04.03.2024 13:58:37	WGS84 Latitude:	46° 08' 41.10" N	Easting:	7396249.8697 m
Point Role:	Fixed PP	WGS84 Longitude:	19° 39' 05.26" E	Northing:	5112037.6917 m
Station Ant. Height:	1.1505 m	Ellip. Height:	163.1516 m	Height:	120.1185 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP784N	1.5135	-111.1914	-146.6670	149.5684	237.1612	2.1 - 3.8	1.5 - 2.6	0.7 - 1.0	1.3 - 2.4	04.03.2024 14:09:22	04.03.2024 16:17:37	02:08:15
2	GMP783N	1.3515	-71.6241	-116.3582	103.9994	171.7123	2.0 - 2.9	1.5 - 2.0	0.7 - 0.9	1.3 - 1.8	04.03.2024 14:04:31	04.03.2024 16:16:29	02:11:58

Station Id: GMP783N

Date/Time:	04.03.2024 14:04:31	WGS84 Latitude:	46° 08' 45.92" N	Easting:	7396166.9117 m
Point Role:	Fixed PP	WGS84 Longitude:	19° 39' 01.28" E	Northing:	5112188.0449 m
Station Ant. Height:	1.3515 m	Ellip. Height:	163.9458 m	Height:	120.9135 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

		Antenna Height				Slope Dist.							

#	To	[m]	Δx [m]	Δy [m]	Δz [m]	[m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP785N	1.3255	-92.6817	-110.1039	119.3779	186.9862	1.6 - 2.8	1.2 - 2.0	0.7 - 1.0	1.0 - 1.8	04.03.2024 15:16:47	04.03.2024 16:18:57	01:02:10
2	GMP784N	1.5135	-39.5674	-30.3128	45.5611	67.5297	1.6 - 2.5	1.3 - 1.8	0.7 - 0.9	1.0 - 1.6	04.03.2024 14:09:22	04.03.2024 16:17:37	02:08:15

Station Id: GMP784N

Date/Time:	04.03.2024 14:09:22	WGS84 Latitude:	46° 08' 48.05" N	Easting:	7396152.7943 m
Point Role:	Fixed PP	WGS84 Longitude:	19° 39' 00.57" E	Northing:	5112254.0698 m
Station Ant. Height:	1.5135 m	Ellip. Height:	164.2845 m	Height:	121.2526 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP785N	1.3255	-53.1133	-79.7906	73.8137	120.9794	1.6 - 2.8	1.3 - 2.0	0.7 - 1.0	1.1 - 1.8	04.03.2024 15:16:47	04.03.2024 16:18:57	01:02:10
2	GMP786N	1.3405	-179.9473	-231.1805	237.4942	377.1325	1.6 - 2.5	1.3 - 1.8	0.7 - 0.9	1.1 - 1.6	04.03.2024 15:25:12	04.03.2024 17:31:02	02:05:50

Station Id: GMP785N

Date/Time:	04.03.2024 15:16:47	WGS84 Latitude:	46° 08' 51.50" N	Easting:	7396097.3226 m
Point Role:	Fixed PP	WGS84 Longitude:	19° 38' 57.90" E	Northing:	5112361.5977 m
Station Ant. Height:	1.3255 m	Ellip. Height:	163.9084 m	Height:	120.8771 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP787N	1.2225	-200.4749	-259.5917	265.1876	421.7848	1.7 - 2.8	1.3 - 2.0	0.7 - 1.0	1.1 - 1.8	04.03.2024 15:31:19	04.03.2024 17:28:56	01:57:37
2	GMP786N	1.3405	-126.8370	-151.3910	163.6781	256.5100	1.7 - 2.8	1.3 - 2.0	0.7 - 1.0	1.1 - 1.8	04.03.2024 15:25:12	04.03.2024 17:31:02	02:05:50

Station Id: GMP788

Date/Time:	04.03.2024 16:27:37	WGS84 Latitude:	46° 09' 07.87" N	Easting:	7395815.6945 m
Point Role:	Fixed PP	WGS84 Longitude:	19° 38' 44.37" E	Northing:	5112871.9543 m
Station Ant. Height:	1.0705 m	Ellip. Height:	163.0938 m	Height:	120.0654 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP790	1.2335	-108.4199	-170.5551	153.6951	253.9017	1.7 - 3.5	1.3 - 2.5	0.6 - 1.0	1.1 - 2.4	04.03.2024 16:34:34	04.03.2024 17:20:44	00:46:10
2	GMP789	1.1245	-86.3140	-18.1128	83.2937	121.3096	1.7 - 3.5	1.3 - 2.5	0.6 - 0.9	1.1 - 2.4	04.03.2024 16:28:02	04.03.2024 17:22:32	00:54:30

Station Id: GMP789

Date/Time:	04.03.2024 16:28:02	WGS84 Latitude:	46° 09' 11.78" N	Easting:	7395829.7059 m
Point Role:	Fixed PP	WGS84 Longitude:	19° 38' 44.93" E	Northing:	5112992.4620 m
Station Ant. Height:	1.1245 m	Ellip. Height:	162.2874 m	Height:	119.2598 m

Time Settings

Time Format:	HH:mm:ss

Time System: Local Time
Leap Seconds: 18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP790	1.2335	-22.1056	-152.4422	70.4018	169.3626	1.7 - 3.5	1.3 - 2.5	0.6 - 1.0	1.1 - 2.4	04.03.2024 16:34:34	04.03.2024 17:20:44	00:46:10

Station Id: GMP787N

Date/Time: 04.03.2024 15:31:19
Point Role: Fixed PP
Station Ant. Height: 1.2225 m
WGS84 Latitude: 46° 09' 03.90" N
WGS84 Longitude: 19° 38' 49.64" E
Ellip. Height: 163.8791 m
Easting: 7395926.7881 m
Northing: 5112747.3663 m
Height: 120.8500 m

Time Settings
Time Format: HH:mm:ss
Time System: Local Time
Leap Seconds: 18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP789	1.1245	-132.3235	-154.7377	167.4731	263.6295	1.7 - 3.1	1.3 - 2.3	0.6 - 0.9	1.1 - 2.0	04.03.2024 16:28:02	04.03.2024 17:22:32	00:54:30
2	GMP788	1.0705	-46.0115	-136.6230	84.1759	166.9386	1.7 - 3.6	1.3 - 2.6	0.6 - 1.0	1.1 - 2.4	04.03.2024 16:27:37	04.03.2024 17:25:17	00:57:40

Station Id: GMP786N

Date/Time: 04.03.2024 15:25:12
Point Role: Fixed PP
Station Ant. Height: 1.3405 m
WGS84 Latitude: 46° 08' 59.15" N
WGS84 Longitude: 19° 38' 53.24" E
Ellip. Height: 164.2871 m
Easting: 7396001.4312 m
Northing: 5112599.4908 m
Height: 121.2572 m

Time Settings
Time Format: HH:mm:ss
Time System: Local Time
Leap Seconds: 18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP788	1.0705	-119.6605	-244.8333	185.6764	329.7540	1.8 - 4.0	1.4 - 2.9	0.6 - 0.9	1.3 - 2.7	04.03.2024 16:27:37	04.03.2024 17:25:17	00:57:40
2	GMP787N	1.2225	-73.6452	-108.2106	101.5016	165.6373	1.7 - 3.3	1.3 - 2.5	0.7 - 1.3	1.1 - 2.1	04.03.2024 15:31:19	04.03.2024 17:28:56	01:57:37

Station Id: GMP743N

Date/Time: 04.03.2024 17:57:57
Point Role: Fixed PP
Station Ant. Height: 1.2965 m
WGS84 Latitude: 46° 05' 53.69" N
WGS84 Longitude: 19° 40' 25.96" E
Ellip. Height: 156.9938 m
Easting: 7397895.4164 m
Northing: 5106840.3346 m
Height: 113.9295 m

Time Settings
Time Format: HH:mm:ss
Time System: Local Time
Leap Seconds: 18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP745N	1.2805	-78.0764	-98.9568	102.5229	162.4787	1.6 - 3.7	1.3 - 2.7	0.6 - 1.5	1.1 - 2.3	04.03.2024 18:27:37	04.03.2024 19:06:37	00:39:00
2	GMP744N	1.0635	26.7704	-38.8879	-11.9867	48.7094	1.6 - 2.6	1.3 - 1.9	0.6 - 1.0	1.1 - 1.6	04.03.2024 18:13:27	04.03.2024 19:11:07	00:57:40

Station Id: GMP742N

Date/Time: 04.03.2024 18:11:17
Point Role: Averaged
Station Ant. Height: 1.1765 m
WGS84 Latitude: 46° 05' 51.22" N
WGS84 Longitude: 19° 40' 28.59" E
Ellip. Height: 157.0740 m
Easting: 7397950.7463 m
Northing: 5106763.0603 m
Height: 114.0094 m

Time Settings

Time Format: HH:mm:ss
Time System: Local Time
Leap Seconds: 18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP743N	1.2965	-32.7893	-71.8433	52.8806	95.0418	1.6 - 2.6	1.2 - 1.9	0.6 - 1.0	1.0 - 1.6	04.03.2024 17:57:57	04.03.2024 19:11:02	01:13:05
2	GMP744N	1.0635	-6.0191	-110.7314	40.8929	118.1943	1.6 - 2.4	1.2 - 1.8	0.6 - 0.9	1.0 - 1.6	04.03.2024 18:13:27	04.03.2024 19:11:07	00:57:40

Station Id: GMP769N

Date/Time:	05.03.2024 08:05:42	WGS84 Latitude:	46° 07' 42.13" N	Easting:	7396788.5905 m
Point Role:	Averaged	WGS84 Longitude:	19° 39' 31.79" E	Northing:	5110207.6184 m
Station Ant. Height:	1.4805 m	Ellip. Height:	162.2259 m	Height:	119.1817 m

Time Settings

Time Format: HH:mm:ss
Time System: Local Time
Leap Seconds: 18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP771N	1.4395	-126.2881	-122.7335	155.6237	235.0126	1.9 - 3.2	1.4 - 2.3	0.7 - 1.0	1.2 - 2.2	05.03.2024 07:56:42	05.03.2024 08:54:37	00:57:55
2	GMP770	1.1305	-72.4660	-39.2821	76.9934	112.7935	2.0 - 4.4	1.5 - 3.2	0.8 - 1.2	1.3 - 2.9	05.03.2024 08:00:07	05.03.2024 08:53:07	00:53:00

Station Id: GMP773N

Date/Time:	05.03.2024 09:01:07	WGS84 Latitude:	46° 07' 58.60" N	Easting:	7396630.7649 m
Point Role:	Averaged	WGS84 Longitude:	19° 39' 24.04" E	Northing:	5110718.8294 m
Station Ant. Height:	1.4035 m	Ellip. Height:	164.2612 m	Height:	121.2200 m

Time Settings

Time Format: HH:mm:ss
Time System: Local Time
Leap Seconds: 18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP775	1.1775	-197.4926	-213.2413	245.3870	380.3813	1.6 - 2.4	1.2 - 1.9	0.6 - 1.0	1.1 - 1.6	05.03.2024 09:09:37	05.03.2024 10:17:27	01:07:50
2	GMP774N	1.4135	-161.4702	-142.2153	192.1594	288.4841	1.6 - 2.7	1.3 - 2.0	0.6 - 1.1	1.1 - 1.7	05.03.2024 09:03:07	05.03.2024 10:15:27	01:12:20

Station Id: GMP774N

Date/Time:	05.03.2024 09:03:07	WGS84 Latitude:	46° 08' 07.58" N	Easting:	7396555.8526 m
Point Role:	Averaged	WGS84 Longitude:	19° 39' 20.33" E	Northing:	5110997.4169 m
Station Ant. Height:	1.4135 m	Ellip. Height:	164.2711 m	Height:	121.2316 m

Time Settings

Time Format: HH:mm:ss
Time System: Local Time
Leap Seconds: 18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP776	1.2685	-121.9439	-96.9428	141.0901	210.1777	1.7 - 3.3	1.3 - 2.4	0.6 - 1.2	1.2 - 2.1	05.03.2024 09:27:44	05.03.2024 11:13:46	01:46:02
2	GMP775	1.1775	-36.0222	-71.0252	53.2279	95.7883	1.6 - 2.7	1.3 - 2.0	0.6 - 1.1	1.1 - 1.7	05.03.2024 09:09:37	05.03.2024 10:17:27	01:07:50

Station Id: GMP775

Date/Time:	05.03.2024 09:09:37	WGS84 Latitude:	46° 08' 10.12" N	Easting:	7396502.4180 m
Point Role:	Averaged	WGS84 Longitude:	19° 39' 17.78" E	Northing:	5111076.8972 m
Station Ant. Height:	1.1775 m	Ellip. Height:	162.5863 m	Height:	119.5473 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP776	1.2685	-85.9223	-25.9178	87.8616	125.5947	1.5 - 2.2	1.2 - 1.6	0.6 - 0.9	1.0 - 1.4	05.03.2024 09:27:44	05.03.2024 11:13:46	01:46:02
2	GMP777	1.1295	-135.8686	-133.8612	166.7239	253.3298	1.3 - 1.8	1.1 - 1.4	0.5 - 0.7	0.9 - 1.2	05.03.2024 09:20:19	05.03.2024 11:15:46	01:55:27

Station Id: GMP776

Date/Time:	05.03.2024 09:27:44	WGS84 Latitude:	46° 08' 14.19" N	Easting:	7396509.0325 m
Point Role:	Averaged	WGS84 Longitude:	19° 39' 17.99" E	Northing:	5111202.3105 m
Station Ant. Height:	1.2685 m	Ellip. Height:	163.8235 m	Height:	120.7853 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP777	1.1295	-49.9445	-107.9437	78.8618	142.7077	1.4 - 1.9	1.0 - 1.3	0.5 - 0.6	0.8 - 1.1	05.03.2024 09:20:19	05.03.2024 11:15:46	01:55:27
2	GMP778	1.2455	-119.6710	-117.9307	145.3494	222.1604	1.8 - 2.2	1.4 - 1.7	0.7 - 0.8	1.2 - 1.5	05.03.2024 10:25:22	05.03.2024 11:16:27	00:51:05

Station Id: GMP777

Date/Time:	05.03.2024 09:20:19	WGS84 Latitude:	46° 08' 17.90" N	Easting:	7396426.1304 m
Point Role:	Averaged	WGS84 Longitude:	19° 39' 14.04" E	Northing:	5111318.4639 m
Station Ant. Height:	1.1295 m	Ellip. Height:	162.9338 m	Height:	119.8962 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP778	1.2455	-69.7239	-9.9877	66.4874	96.8595	1.8 - 2.6	1.4 - 1.9	0.7 - 0.9	1.2 - 1.7	05.03.2024 10:25:22	05.03.2024 11:16:27	00:51:05
2	GMP779N	1.7575	-231.8687	-200.0313	275.8248	412.1346	1.6 - 3.3	1.2 - 2.3	0.6 - 0.9	1.0 - 2.1	05.03.2024 10:28:37	05.03.2024 11:19:22	00:50:45

Station Id: GMP796

Date/Time:	05.03.2024 11:43:07	WGS84 Latitude:	46° 09' 37.37" N	Easting:	7395310.0476 m
Point Role:	Navigated RTK	WGS84 Longitude:	19° 38' 20.08" E	Northing:	5113791.6401 m
Station Ant. Height:	1.2955 m	Ellip. Height:	165.3636 m	Height:	122.3403 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

		Antenna Height				Slope Dist.							

#	To	[m]	Δx [m]	Δy [m]	Δz [m]	[m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP797	1.1445	-103.4353	-79.8208	119.9557	177.3685	1.8 - 3.7	1.3 - 2.5	0.7 - 1.2	1.1 - 2.2	05.03.2024 11:32:52	05.03.2024 12:51:27	01:18:35
2	GMP798	1.4145	-103.0341	-167.6016	148.5239	246.5070	1.8 - 5.0	1.3 - 3.5	0.7 - 2.0	1.1 - 2.8	05.03.2024 11:54:02	05.03.2024 14:33:32	02:39:30

Station Id: GMP797

Date/Time:	05.03.2024 11:32:52	WGS84 Latitude:	46° 09' 42.97" N	Easting:	7395272.5962 m
Point Role:	Fixed PP	WGS84 Longitude:	19° 38' 18.19" E	Northing:	5113965.0077 m
Station Ant. Height:	1.1445 m	Ellip. Height:	165.8302 m	Height:	122.8080 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP798	1.4145	0.4016	-87.7804	28.5695	92.3135	1.8 - 5.7	1.3 - 3.9	0.7 - 2.1	1.1 - 3.2	05.03.2024 11:54:02	05.03.2024 14:33:32	02:39:30

Station Id: GMP799N

Date/Time:	05.03.2024 13:43:01	WGS84 Latitude:	46° 09' 47.56" N	Easting:	7395159.4084 m
Point Role:	Fixed PP	WGS84 Longitude:	19° 38' 12.80" E	Northing:	5114108.7082 m
Station Ant. Height:	1.3585 m	Ellip. Height:	167.6572 m	Height:	124.6357 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP800	1.2915	-49.2668	-111.6228	78.1406	144.8890	1.6 - 2.0	1.1 - 1.3	0.6	0.9 - 1.1	05.03.2024 13:03:19	05.03.2024 15:37:06	02:33:47
2	GMP801	1.2195	-128.1962	-163.7058	166.2022	266.1898	1.9 - 3.8	1.4 - 2.6	0.7 - 0.9	1.2 - 2.5	05.03.2024 12:58:42	05.03.2024 15:36:07	02:37:25

Station Id: GMP798

Date/Time:	05.03.2024 11:54:02	WGS84 Latitude:	46° 09' 44.29" N	Easting:	7395190.4979 m
Point Role:	Averaged	WGS84 Longitude:	19° 38' 14.33" E	Northing:	5114007.2137 m
Station Ant. Height:	1.4145 m	Ellip. Height:	166.2659 m	Height:	123.2438 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP799N	1.3585	-56.6408	-55.0620	70.9210	106.1592	1.7 - 2.3	1.3 - 1.7	0.7 - 0.8	1.1 - 1.5	05.03.2024 13:43:01	05.03.2024 14:32:38	00:49:37
2	GMP800	1.2915	-105.9072	-166.6849	149.0628	247.4266	1.7 - 2.3	1.3 - 1.7	0.7 - 0.8	1.1 - 1.5	05.03.2024 13:03:19	05.03.2024 15:37:06	02:33:47

Station Id: GMP801

Date/Time:	05.03.2024 12:58:42	WGS84 Latitude:	46° 09' 55.39" N	Easting:	7395052.4695 m
Point Role:	Averaged	WGS84 Longitude:	19° 38' 07.62" E	Northing:	5114352.4622 m
Station Ant. Height:	1.2195 m	Ellip. Height:	165.8142 m	Height:	122.7941 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP802	1.2285	-156.3159	-266.7954	227.5842	383.9388	1.6 - 4.7	1.3 - 3.2	0.7 - 1.2	1.1 - 3.0	05.03.2024 14:44:02	05.03.2024 15:31:47	00:47:45

Station Id: GMP800

Date/Time:	05.03.2024 13:03:19	WGS84 Latitude:	46° 09' 51.27" N	Easting:	7395072.8130 m
Point Role:	Averaged	WGS84 Longitude:	19° 38' 08.67" E	Northing:	5114224.8578 m
Station Ant. Height:	1.2915 m	Ellip. Height:	165.9041 m	Height:	122.8833 m

Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

#	To	Antenna Height [m]	Δx [m]	Δy [m]	Δz [m]	Slope Dist. [m]	GDOP	PDOP	HDOP	VDOP	Start Time	End Time	Duration
1	GMP802	1.2285	-235.2504	-318.8784	315.6403	506.6113	1.4 - 4.7	0.9 - 3.2	0.5 - 1.2	0.7 - 3.0	05.03.2024 14:44:02	05.03.2024 15:31:47	00:47:45
2	GMP801	1.2195	-78.9319	-52.0826	88.0559	129.2157	1.6 - 2.8	1.3 - 2.0	0.7 - 0.8	1.1 - 1.8	05.03.2024 12:58:42	05.03.2024 15:36:07	02:37:25

7. IZVESTAJ O IZRAVNANJU 2D MREŽE

Leica Geosystems AG
Heinrich Wild Strasse
CH-9435 Heerbrugg
St. Gallen, Switzerland

Phone: + 41 71 727 3131
Fax: + 41 71 727 4674

- when it has to be right

Leica Geosystems

Network Adjustment Report

Report created: 13.03.2024 13:19:16

Project Details

General		Customer Details		Master Coordinate System	
Project Name:	PRUGA_KARIN KOMERC	Customer Name:	-	Coordinate System Name:	0448 NS-Sub
Owner:	-	Contact Person:	-	Transformation Type:	Classical 3D
Lead Surveyor:	-	Number:	-	Residual Distribution:	None
Date Created:	03.03.2024 12:30:22	Email:	-	Ellipsoid:	Bessel
Last Accessed:	13.03.2024 13:01:57	Skype:	-	Projection Type:	Transverse Mercator
Application Software:	Infinity 4.0.0	Website:	-	Geoid Model:	-
				CSCS Model:	-

Path:	C:\Users\TOP-PC\Documents\Leica Geosystems\Infinity\Projects\PRUGA_KARIN KOMERC\PRUGA_KARIN KOMERC.iprj
Size:	207.5 MB
Comments:	-

Name:	03/13/2024 13:12:41
Date/Time:	13.03.2024 13:12:41

Processing kernel:	MOVE3 4.6.0

www.MOVE3.com

© 1993-2022 Sweco Nederland B.V.
Licensed to Leica Geosystems AG

Adjustment Settings

General		
Controls:		Constrained
Dimension:		2D (3D for GNSS part)
Coordinate system:		WGS84
Height mode:		Ellipsoidal
Confidence Level for Heights - 1D:		68.3%
Confidence Level for Error Ellipses - 2D:		39.4%
Max. number of Iterations:		3
Iteration criteria:		0.0001 m

Standard Deviation Settings

Source of Standard Deviation Settings - TPS:		**Individual**
Source of Standard Deviation Settings - GNSS:		**Individual**
Source of Standard Deviation Settings - Level:		**Individual**
Source of Centring/Height Errors - TPS:		**Default Settings for all Observations**
	Setup:	Target:
Centring Error:	0.0030 m	0.0030 m
Height Error:	0.0030 m	0.0030 m
Source of Centring/Height Errors - GNSS:		**Default Settings for all Observations**
	Reference:	Rover:

Centring Error:	0.0030 m	0.0030 m
Height Error:	0.0030 m	0.0030 m

Testing Criteria

Level of Significance (α, multi-dimensional):	0.72
Level of Significance (α0, one-dimensional):	5.0%
Power of Test (1-β):	80%
σ a-priori:	1.0
σ a-priori (GNSS):	10.0

Advanced

Use reduced observations:	No
Use scale factor correction:	Ignore
Initial Scale Factor Correction:	0.0 PPM
Use vertical refraction coefficient:	Ignore
Initial Vertical Refraction Coefficient:	0.13

Adjustment Summary

Adjustment

Type:	Constrained
Dimension:	2D
Number of Iterations:	1
Max. coordinate correction in last iteration:	0.0000 m

Stations

Number of (partly) known stations:	47
Number of unknown stations:	100
Total:	**147**

Observations

GNSS coordinate differences:	807 (269 baselines)
Known coordinates:	94
Total:	**901**

Unknowns

Coordinates:	441
Total:	**441**

Degrees of freedom:	**460**
Optimisation criterion v'Pv:	**3213.00971**
σ a-posteriori:	**2.643**

Testing

Critical value W-Test:	1.96
Critical value T-Test (2 dimensional):	2.42
Critical value T-Test (3 dimensional):	1.89
Critical value F-Test:	0.96
F-Test:	0.98

Chi Square Test (95.0%)

Critical value lower bound:	0.87
Critical value upper bound:	1.13
Chi Square Test:	0.98

Input data

Approximate Coordinates

Station	WGS84 Latitude	WGS84 Longitude	Ellip. Height [m]	Description
GMP630	45° 58' 04.39" N	19° 40' 20.48" E	150.8514	Control Fixed 2D
GMP631	45° 58' 08.86" N	19° 40' 22.80" E	151.4137	Control Fixed 2D
GMP632	45° 58' 12.63" N	19° 40' 21.76" E	151.3276	Control Fixed 2D
GMP633N	45° 58' 18.51" N	19° 40' 23.74" E	151.1167	Averaged
GMP634	45° 58' 20.58" N	19° 40' 23.06" E	151.5592	Control Fixed 2D
GMP635	45° 58' 24.70" N	19° 40' 25.18" E	150.8420	Control Fixed 2D

GMP636	45° 58' 28.81" N	19° 40' 24.30" E	150.0842	Control Fixed 2D
GMP644	45° 59' 01.54" N	19° 40' 28.59" E	149.0512	Control Fixed 2D
GMP645	45° 59' 05.39" N	19° 40' 31.57" E	150.7110	Control Fixed 2D
GMP646	45° 59' 10.82" N	19° 40' 30.43" E	150.7402	Control Fixed 2D
GMP647N	45° 59' 14.86" N	19° 40' 32.39" E	149.3172	Averaged
GMP648	45° 59' 18.73" N	19° 40' 31.91" E	147.5899	Averaged
GMP649N	45° 59' 22.90" N	19° 40' 33.63" E	149.1723	Averaged
GMP650	45° 59' 27.06" N	19° 40' 33.03" E	146.9674	Averaged
GMP651N	45° 59' 29.56" N	19° 40' 34.65" E	148.6804	Averaged
GMP652	45° 59' 35.38" N	19° 40' 34.37" E	147.2139	Averaged
GMP653	45° 59' 38.29" N	19° 40' 36.41" E	148.3656	Averaged
GMP654	45° 59' 43.21" N	19° 40' 34.66" E	144.6682	Averaged
GMP655N	45° 59' 56.88" N	19° 40' 38.86" E	148.2753	Averaged
GMP656	46° 00' 00.64" N	19° 40' 38.08" E	147.5806	Averaged
GMP657	46° 00' 05.77" N	19° 40' 40.92" E	147.9059	Averaged
GMP658N	46° 00' 09.95" N	19° 40' 40.32" E	148.6305	Averaged
GMP659N	46° 00' 12.98" N	19° 40' 41.34" E	148.9529	Averaged
GMP660N	46° 00' 16.22" N	19° 40' 41.33" E	149.1467	Averaged
GMP661N	46° 00' 21.03" N	19° 40' 42.58" E	149.2464	Averaged
GMP662	46° 00' 26.27" N	19° 40' 41.91" E	148.3372	Averaged
GMP663N	46° 00' 29.30" N	19° 40' 43.85" E	149.1383	Averaged
GMP664	46° 00' 33.65" N	19° 40' 43.45" E	148.4559	Averaged
GMP665N	46° 00' 37.13" N	19° 40' 45.07" E	148.9513	Averaged
GMP666N	46° 00' 41.76" N	19° 40' 45.32" E	148.8876	Averaged
GMP667	46° 00' 44.24" N	19° 40' 47.46" E	151.6790	Control Fixed 2D
GMP668	46° 00' 50.26" N	19° 40' 45.87" E	151.7770	Control Fixed 2D
GMP669	46° 00' 54.59" N	19° 40' 48.82" E	151.9670	Control Fixed 2D
GMP670	46° 00' 57.20" N	19° 40' 46.87" E	151.8543	Control Fixed 2D
GMP671	46° 01' 02.47" N	19° 40' 49.93" E	151.9484	Control Fixed 2D
GMP672	46° 01' 06.07" N	19° 40' 48.39" E	151.9771	Control Fixed 2D
GMP673N	46° 01' 14.59" N	19° 40' 51.39" E	150.1554	Averaged
GMP674	46° 01' 17.34" N	19° 40' 50.42" E	150.7933	Averaged
GMP675N	46° 01' 22.31" N	19° 40' 52.27" E	150.1183	Averaged
GMP676N	46° 01' 27.76" N	19° 40' 52.61" E	150.3455	Averaged
GMP677N	46° 01' 31.80" N	19° 40' 53.74" E	150.4353	Averaged
GMP678	46° 01' 36.54" N	19° 40' 53.14" E	148.2698	Averaged
GMP679	46° 01' 39.47" N	19° 40' 56.62" E	149.0534	Averaged
GMP680N	46° 01' 45.10" N	19° 40' 54.99" E	151.1199	Averaged
GMP681	46° 01' 47.27" N	19° 40' 56.96" E	151.1185	Averaged
GMP682N	46° 01' 51.87" N	19° 40' 56.03" E	151.2368	Averaged
GMP683	46° 01' 55.26" N	19° 40' 57.93" E	152.7911	Control Fixed 2D
GMP684	46° 02' 00.79" N	19° 40' 56.49" E	153.9351	Control Fixed 2D
GMP685	46° 02' 06.18" N	19° 40' 59.89" E	153.0073	Control Fixed 2D
GMP688	46° 02' 17.25" N	19° 40' 59.38" E	153.0327	Control Fixed 2D
GMP689	46° 02' 22.18" N	19° 41' 01.82" E	152.9053	Control Fixed 2D
GMP690	46° 02' 25.17" N	19° 41' 00.68" E	153.3032	Control Fixed 2D
GMP691N	46° 02' 28.32" N	19° 41' 02.48" E	145.9768	Averaged
GMP692	46° 02' 42.63" N	19° 41' 07.84" E	145.3031	Averaged
GMP693	46° 02' 47.30" N	19° 41' 08.67" E	144.6899	Averaged
GMP694N	46° 02' 51.69" N	19° 41' 13.09" E	146.6258	Averaged
GMP695	46° 02' 55.11" N	19° 41' 14.42" E	154.0037	Control Fixed 2D
GMP696	46° 02' 58.01" N	19° 41' 19.60" E	153.3079	Control Fixed 2D
GMP697	46° 03' 01.53" N	19° 41' 21.09" E	154.1622	Control Fixed 2D
GMP700	46° 03' 10.80" N	19° 41' 34.79" E	153.3887	Control Fixed 2D
GMP701	46° 03' 15.83" N	19° 41' 37.69" E	153.0282	Control Fixed 2D
GMP702	46° 03' 17.07" N	19° 41' 42.22" E	153.2182	Control Fixed 2D
GMP703N	46° 03' 21.31" N	19° 41' 45.91" E	151.1443	Averaged
GMP704	46° 03' 23.76" N	19° 41' 49.84" E	149.2928	Averaged
GMP705N	46° 03' 37.58" N	19° 41' 59.16" E	150.1834	Averaged
GMP706	46° 03' 43.74" N	19° 42' 01.06" E	147.9622	Averaged
GMP707	46° 03' 47.62" N	19° 42' 03.83" E	147.3870	Averaged
GMP708	46° 03' 51.49" N	19° 42' 03.02" E	148.1794	Averaged
GMP709	46° 03' 55.13" N	19° 42' 05.30" E	148.7299	Averaged
GMP710	46° 03' 59.02" N	19° 42' 04.19" E	148.1343	Averaged
GMP711N	46° 04' 03.58" N	19° 42' 05.69" E	148.7876	Averaged
GMP712	46° 04' 08.41" N	19° 42' 05.35" E	147.8030	Averaged
GMP713	46° 04' 11.94" N	19° 42' 07.76" E	146.9018	Averaged
GMP714N	46° 04' 23.11" N	19° 42' 07.36" E	148.1116	Averaged
GMP715	46° 04' 26.70" N	19° 42' 08.13" E	150.6628	Control Fixed 2D
GMP716	46° 04' 31.46" N	19° 42' 03.77" E	151.4103	Control Fixed 2D
GMP717	46° 04' 35.50" N	19° 42' 02.87" E	150.8988	Control Fixed 2D
GMP720	46° 04' 43.97" N	19° 41' 50.49" E	148.1748	Control Fixed 2D

GMP722	46° 04' 51.16" N	19° 41' 40.77" E	149.4092	Control Fixed 2D
GMP723N	46° 04' 57.01" N	19° 41' 37.85" E	150.3555	Averaged
GMP724	46° 04' 58.89" N	19° 41' 33.80" E	149.5383	Averaged
GMP725N	46° 05' 01.92" N	19° 41' 31.88" E	150.9699	Averaged
GMP726	46° 05' 04.61" N	19° 41' 29.75" E	151.8717	Averaged
GMP727	46° 05' 08.48" N	19° 41' 25.46" E	153.3311	Averaged
GMP728N	46° 05' 09.47" N	19° 41' 23.01" E	152.0223	Averaged
GMP729N	46° 05' 12.60" N	19° 41' 20.12" E	152.7070	Averaged
GMP730N	46° 05' 15.36" N	19° 41' 16.46" E	153.3551	Averaged
GMP731N	46° 05' 21.03" N	19° 41' 11.08" E	154.6254	Averaged
GMP732N	46° 05' 23.53" N	19° 41' 07.90" E	155.2550	Averaged
GMP733N	46° 05' 25.50" N	19° 41' 06.44" E	155.6131	Averaged
GMP734N	46° 05' 25.99" N	19° 41' 05.23" E	155.8105	Averaged
GMP735N	46° 05' 31.78" N	19° 40' 59.31" E	153.2023	Averaged
GMP736	46° 05' 32.43" N	19° 40' 53.52" E	156.9854	Averaged
GMP737N	46° 05' 34.41" N	19° 40' 51.21" E	156.8588	Averaged
GMP738N	46° 05' 40.11" N	19° 40' 38.71" E	156.7572	Averaged
GMP739	46° 05' 37.78" N	19° 40' 45.67" E	157.5454	Fixed PP
GMP740N	46° 05' 49.06" N	19° 40' 30.97" E	157.0816	Averaged
GMP741N	46° 05' 49.14" N	19° 40' 28.18" E	157.0320	Averaged
GMP742N	46° 05' 51.22" N	19° 40' 28.59" E	157.0740	Averaged
GMP743N	46° 05' 53.69" N	19° 40' 25.96" E	156.9938	Fixed PP
GMP744N	46° 05' 53.14" N	19° 40' 23.83" E	156.7578	Averaged
GMP745N	46° 05' 58.48" N	19° 40' 22.84" E	156.7683	Averaged
GMP746N	46° 06' 01.09" N	19° 40' 20.08" E	157.0926	Averaged
GMP747N	46° 06' 04.44" N	19° 40' 19.96" E	156.6887	Averaged
GMP748N	46° 06' 08.22" N	19° 40' 17.01" E	156.9765	Averaged
GMP749N	46° 06' 13.65" N	19° 40' 16.35" E	156.8281	Averaged
GMP750N	46° 06' 16.84" N	19° 40' 12.96" E	157.1037	Averaged
GMP751N	46° 06' 18.94" N	19° 40' 12.65" E	157.1393	Averaged
GMP752N	46° 06' 23.29" N	19° 40' 08.90" E	157.0409	Averaged
GMP753N	46° 06' 24.85" N	19° 40' 09.39" E	157.4091	Averaged
GMP754N	46° 06' 30.48" N	19° 40' 05.52" E	157.4582	Averaged
GMP758N	46° 06' 51.29" N	19° 39' 56.26" E	164.2632	Averaged
GMP759	46° 06' 55.89" N	19° 39' 52.71" E	160.4695	Control Fixed 2D
GMP760	46° 06' 59.09" N	19° 39' 53.12" E	160.3636	Control Fixed 2D
GMP766	46° 07' 22.19" N	19° 39' 42.19" E	165.4801	Control Fixed 2D
GMP767	46° 07' 26.37" N	19° 39' 38.40" E	165.9940	Control Fixed 2D
GMP768	46° 07' 30.50" N	19° 39' 38.18" E	166.7708	Control Fixed 2D
GMP769N	46° 07' 42.13" N	19° 39' 31.79" E	162.2259	Averaged
GMP770	46° 07' 45.76" N	19° 39' 31.21" E	161.2544	Averaged
GMP771N	46° 07' 49.36" N	19° 39' 28.39" E	163.3797	Averaged
GMP772	46° 07' 54.07" N	19° 39' 27.47" E	163.2215	Averaged
GMP773N	46° 07' 58.60" N	19° 39' 24.04" E	164.2612	Averaged
GMP774N	46° 08' 07.58" N	19° 39' 20.33" E	164.2711	Averaged
GMP775	46° 08' 10.12" N	19° 39' 17.78" E	162.5863	Averaged
GMP776	46° 08' 14.19" N	19° 39' 17.99" E	163.8235	Averaged
GMP777	46° 08' 17.90" N	19° 39' 14.04" E	162.9338	Averaged
GMP778	46° 08' 21.01" N	19° 39' 14.69" E	163.0463	Averaged
GMP779N	46° 08' 30.76" N	19° 39' 08.89" E	163.8963	Averaged
GMP780N	46° 08' 34.63" N	19° 39' 07.59" E	164.2663	Averaged
GMP781N	46° 08' 37.68" N	19° 39' 05.62" E	163.9200	Averaged
GMP782	46° 08' 41.10" N	19° 39' 05.26" E	163.1516	Averaged
GMP783N	46° 08' 45.92" N	19° 39' 01.28" E	164.3020	Averaged
GMP784N	46° 08' 48.05" N	19° 39' 00.56" E	163.9216	Averaged
GMP785N	46° 08' 51.50" N	19° 38' 57.90" E	163.9084	Averaged
GMP786N	46° 08' 59.15" N	19° 38' 53.24" E	164.2871	Averaged
GMP787N	46° 09' 03.90" N	19° 38' 49.64" E	163.8791	Averaged
GMP788	46° 09' 07.79" N	19° 38' 44.33" E	170.5730	Control Fixed 2D
GMP789	46° 09' 11.69" N	19° 38' 44.88" E	170.1148	Control Fixed 2D
GMP790	46° 09' 14.96" N	19° 38' 38.54" E	170.9140	Control Fixed 2D
GMP796	46° 09' 37.27" N	19° 38' 20.07" E	169.4344	Control Fixed 2D
GMP797	46° 09' 42.86" N	19° 38' 18.19" E	169.9076	Control Fixed 2D
GMP798	46° 09' 44.18" N	19° 38' 14.33" E	170.3458	Control Fixed 2D
GMP799N	46° 09' 47.56" N	19° 38' 12.80" E	167.6572	Fixed PP
GMP800	46° 09' 51.16" N	19° 38' 08.67" E	169.9420	Control Fixed 2D
GMP801	46° 09' 55.28" N	19° 38' 07.62" E	169.8840	Control Fixed 2D
GMP802	46° 10' 05.92" N	19° 37' 58.35" E	170.0056	Control Fixed 2D

Observations

From	Target						

Station	Point	ΔX [m]	ΔY [m]	ΔZ [m]	SD ΔX [m]	SD ΔY [m]	SD ΔZ [m]
GMP644	GMP646	-206.2237	-31.7261	200.2816	0.0017	0.0009	0.0019
GMP644	GMP645	-101.1145	32.0883	83.8667	0.0017	0.0009	0.0019
GMP645	GMP646	-105.1098	-63.8143	116.4145	0.0016	0.0009	0.0020
GMP645	GMP647N	-201.2241	-53.9529	203.2552	0.0039	0.0022	0.0051
GMP646	GMP647N	-96.1149	9.8614	86.8423	0.0042	0.0023	0.0056
GMP646	GMP648	-174.7430	-29.2387	168.6873	0.0012	0.0007	0.0016
GMP649N	GMP651N	-146.9777	-29.3322	142.5268	0.0107	0.0058	0.0091
GMP647N	GMP648	-78.6368	-39.1018	81.8225	0.0053	0.0027	0.0047
GMP647N	GMP649N	-177.3813	-34.9318	172.5141	0.0030	0.0015	0.0026
GMP649N	GMP650	-83.9287	-43.7319	87.4791	0.0065	0.0033	0.0056
GMP648	GMP650	-182.6746	-39.5621	178.1703	0.0014	0.0007	0.0012
GMP648	GMP649N	-98.7459	4.1697	90.6912	0.0066	0.0033	0.0057
GMP650	GMP652	-183.6710	-35.0968	178.8163	0.0013	0.0009	0.0017
GMP651N	GMP652	-120.6193	-49.4967	123.7738	0.0036	0.0016	0.0042
GMP652	GMP653	-74.8087	19.8511	63.1844	0.0011	0.0007	0.0015
GMP652	GMP654	-167.5128	-53.3407	166.1604	0.0013	0.0009	0.0018
GMP650	GMP651N	-63.0496	14.4022	55.0468	0.0014	0.0009	0.0017
GMP651N	GMP653	-195.4302	-29.6470	186.9541	0.0012	0.0008	0.0015
GMP654	GMP655N	-313.8428	-16.1413	295.6662	0.0051	0.0033	0.0056
GMP654	GMP656	-387.3543	-60.4016	375.9391	0.0011	0.0007	0.0013
GMP655N	GMP657	-201.1727	-24.8972	190.5459	0.0053	0.0035	0.0058
GMP655N	GMP656	-73.5095	-44.2614	80.2735	0.0051	0.0034	0.0056
GMP653	GMP655N	-406.5454	-89.3341	398.6434	0.0051	0.0032	0.0055
GMP653	GMP654	-92.7048	-73.1924	102.9749	0.0006	0.0004	0.0007
GMP630	GMP631	-109.7917	13.9448	96.1347	0.0014	0.0009	0.0017
GMP631	GMP632	-71.5063	-49.2746	81.0070	0.0012	0.0008	0.0015
GMP631	GMP633N	-206.1075	-53.6587	206.4530	0.0033	0.0020	0.0039
GMP630	GMP632	-181.2981	-35.3299	177.1417	0.0012	0.0007	0.0014
GMP632	GMP634	-175.3844	-32.9988	170.6925	0.0011	0.0006	0.0012
GMP632	GMP633N	-134.5998	-4.3833	125.4430	0.0028	0.0017	0.0033
GMP634	GMP635	-102.0400	11.9882	87.9916	0.0015	0.0011	0.0014
GMP634	GMP636	-181.8833	-36.8169	175.5266	0.0012	0.0009	0.0011
GMP635	GMP636	-79.8430	-48.8049	87.5352	0.0019	0.0013	0.0017
GMP633N	GMP635	-142.8180	-16.6282	133.2600	0.0032	0.0023	0.0032
GMP633N	GMP634	-40.7756	-28.6167	45.2695	0.0020	0.0015	0.0023
GMP656	GMP658N	-210.2116	-23.9536	200.3812	0.0020	0.0011	0.0022
GMP658N	GMP659N	-70.5639	-1.7825	65.1830	0.0043	0.0024	0.0047
GMP657	GMP658N	-82.5461	-43.3225	90.1479	0.0019	0.0010	0.0020
GMP658N	GMP660N	-138.0864	-26.1946	134.7932	0.0042	0.0023	0.0044
GMP656	GMP657	-127.6654	19.3688	110.2334	0.0014	0.0007	0.0014
GMP657	GMP659N	-153.1091	-45.1050	155.3303	0.0037	0.0020	0.0040
GMP660N	GMP661N	-109.6394	-10.6035	103.2618	0.0041	0.0024	0.0041
GMP659N	GMP661N	-177.1761	-35.0157	172.8708	0.0020	0.0011	0.0021
GMP659N	GMP660N	-67.5379	-24.4144	69.6004	0.0036	0.0019	0.0037
GMP661N	GMP663N	-182.2049	-36.1398	177.2386	0.0037	0.0021	0.0039
GMP660N	GMP662	-215.0248	-63.7298	215.0711	0.0032	0.0018	0.0030
GMP661N	GMP662	-105.3837	-53.1266	111.8144	0.0034	0.0019	0.0036
GMP663N	GMP664	-88.4335	-40.9552	92.7536	0.0015	0.0010	0.0023
GMP662	GMP663N	-76.8206	16.9865	65.4237	0.0015	0.0010	0.0022
GMP663N	GMP665N	-172.7650	-33.9998	167.8357	0.0032	0.0021	0.0047
GMP662	GMP664	-165.2545	-23.9690	158.1772	0.0012	0.0008	0.0017
GMP664	GMP665N	-84.3317	6.9553	75.0827	0.0031	0.0020	0.0047
GMP664	GMP666N	-183.0628	-22.7100	174.3835	0.0013	0.0009	0.0020
GMP665N	GMP666N	-98.7403	-29.6649	99.2841	0.0030	0.0018	0.0033
GMP665N	GMP667	-167.7627	-4.9123	153.2180	0.0038	0.0024	0.0041
GMP666N	GMP668	-183.4044	-52.3142	183.0758	0.0013	0.0008	0.0014
GMP666N	GMP667	-69.0244	24.7502	53.9375	0.0013	0.0008	0.0014
GMP667	GMP668	-114.3803	-77.0644	129.1381	0.0013	0.0008	0.0014
GMP667	GMP669	-226.1946	-49.7052	222.1728	0.0013	0.0008	0.0014
GMP668	GMP669	-111.8143	27.3592	93.0347	0.0011	0.0007	0.0012
GMP671	GMP672	-64.2520	-58.2235	77.3154	0.0012	0.0007	0.0014
GMP671	GMP673N	-262.7238	-61.5553	259.2234	0.0028	0.0016	0.0032
GMP670	GMP671	-132.3324	22.6160	113.0837	0.0011	0.0007	0.0013
GMP672	GMP673N	-198.4725	-3.3319	181.9066	0.0031	0.0018	0.0036
GMP670	GMP672	-196.5848	-35.6073	190.3988	0.0010	0.0006	0.0012
GMP672	GMP674	-248.6149	-43.3440	241.3656	0.0017	0.0010	0.0019
GMP673N	GMP674	-50.1486	-40.0171	59.4482	0.0020	0.0014	0.0018
GMP674	GMP676N	-234.1186	-33.9200	223.1116	0.0057	0.0041	0.0049
GMP674	GMP675N	-117.6810	0.0194	105.9755	0.0021	0.0015	0.0018
GMP673N	GMP675N	-167.8232	-39.9923	165.4306	0.0031	0.0022	0.0027
GMP675N	GMP677N	-209.1526	-41.2505	203.8755	0.0023	0.0016	0.0019

GMP678N	GMP678	-188.7871	-55.4067	186.6326	0.0022	0.0014	0.0030
GMP676N	GMP677N	-92.7383	-7.3275	86.7438	0.0018	0.0012	0.0025
GMP677N	GMP679	-182.0401	0.6322	163.2446	0.0017	0.0009	0.0016
GMP677N	GMP678	-96.0364	-48.0723	99.8511	0.0019	0.0010	0.0018
GMP678	GMP680N	-190.8257	-25.8773	185.7168	0.0038	0.0023	0.0065
GMP678	GMP679	-86.0071	48.7046	63.3914	0.0033	0.0014	0.0042
GMP679	GMP680N	-104.8197	-74.5831	122.3141	0.0040	0.0024	0.0065
GMP679	GMP681	-164.3640	-50.9463	168.7222	0.0017	0.0008	0.0018
GMP680N	GMP682N	-149.0032	-29.6382	145.1213	0.0041	0.0025	0.0071
GMP680N	GMP681	-59.5446	23.6374	46.4154	0.0037	0.0023	0.0056
GMP681	GMP683	-175.8168	-39.8707	171.9521	0.0011	0.0007	0.0013
GMP681	GMP682N	-89.4603	-53.2671	98.7304	0.0020	0.0014	0.0028
GMP682N	GMP684	-190.8131	-56.8685	192.4737	0.0033	0.0022	0.0043
GMP682N	GMP683	-86.3537	13.3963	73.2148	0.0033	0.0022	0.0042
GMP683	GMP684	-104.4590	-70.2652	119.2588	0.0014	0.0009	0.0016
GMP684	GMP685	-137.9798	28.3512	114.7911	0.0013	0.0009	0.0015
GMP683	GMP685	-242.4388	-41.9141	234.0498	0.0012	0.0008	0.0014
GMP689	GMP691N	-130.2484	-32.4293	130.7194	0.0034	0.0019	0.0035
GMP688	GMP690	-174.8377	-32.9649	170.3892	0.0017	0.0010	0.0018
GMP688	GMP689	-120.7017	12.3758	105.9162	0.0015	0.0009	0.0016
GMP690	GMP691N	-76.1117	12.9120	66.2492	0.0036	0.0021	0.0038
GMP689	GMP690	-54.1357	-45.3407	64.4728	0.0015	0.0009	0.0016
GMP690	GMP692	-414.8206	14.2341	372.3928	0.0015	0.0009	0.0016
GMP692	GMP694N	-226.8127	38.7174	195.1620	0.0038	0.0024	0.0039
GMP691N	GMP692	-338.7106	1.3225	306.1415	0.0018	0.0011	0.0016
GMP691N	GMP693	-442.8100	-17.0104	405.7483	0.0023	0.0013	0.0020
GMP692	GMP693	-104.1035	-18.3319	99.6065	0.0014	0.0009	0.0014
GMP695	GMP696	-98.5771	82.9683	61.5480	0.0013	0.0008	0.0013
GMP693	GMP695	-206.6766	58.3343	170.0630	0.0013	0.0008	0.0014
GMP694N	GMP695	-83.9630	1.2908	74.5188	0.0052	0.0033	0.0055
GMP695	GMP697	-182.4342	86.8416	137.6458	0.0012	0.0008	0.0013
GMP693	GMP694N	-122.7137	57.0432	95.5443	0.0051	0.0032	0.0054
GMP694N	GMP696	-182.5417	84.2580	136.0663	0.0042	0.0026	0.0047
GMP696	GMP697	-83.8564	3.8736	76.0981	0.0008	0.0005	0.0008
GMP701	GMP702	-58.7303	82.4150	26.7992	0.0012	0.0008	0.0013
GMP701	GMP703N	-172.5792	126.1919	117.0912	0.0026	0.0018	0.0028
GMP700	GMP701	-126.4156	21.0155	107.4032	0.0012	0.0008	0.0013
GMP700	GMP702	-185.1460	103.4305	134.2024	0.0011	0.0007	0.0012
GMP702	GMP703N	-113.8507	43.7767	90.2898	0.0030	0.0020	0.0033
GMP702	GMP704	-194.8319	104.4592	141.5035	0.0015	0.0010	0.0016
GMP703N	GMP704	-80.9955	60.6820	51.1956	0.0017	0.0009	0.0018
GMP704	GMP706	-500.2040	77.0398	426.9572	0.0017	0.0010	0.0023
GMP704	GMP705N	-356.1290	85.3532	296.6320	0.0046	0.0026	0.0058
GMP703N	GMP705N	-437.1185	146.0381	347.8419	0.0055	0.0031	0.0070
GMP705N	GMP706	-144.0738	-8.3137	130.3260	0.0047	0.0026	0.0057
GMP705N	GMP707	-245.9025	18.5573	213.1776	0.0048	0.0027	0.0058
GMP706	GMP708	-176.5117	-18.2957	166.3682	0.0016	0.0008	0.0015
GMP708	GMP709	-92.3444	18.9810	78.3652	0.0013	0.0007	0.0012
GMP708	GMP710	-166.0714	-32.8729	161.2557	0.0012	0.0006	0.0011
GMP706	GMP707	-101.8326	26.8699	82.8525	0.0018	0.0010	0.0017
GMP707	GMP708	-74.6793	-45.1657	83.5158	0.0015	0.0008	0.0014
GMP707	GMP709	-167.0237	-26.1848	161.8810	0.0013	0.0007	0.0012
GMP710	GMP711N	-105.7951	-3.6289	98.0460	0.0012	0.0007	0.0018
GMP710	GMP712	-205.1025	-46.8620	200.7902	0.0009	0.0006	0.0012
GMP709	GMP710	-73.7268	-51.8551	82.8911	0.0006	0.0004	0.0007
GMP709	GMP711N	-179.5214	-55.4832	180.9355	0.0012	0.0008	0.0019
GMP711N	GMP712	-99.3074	-43.2328	102.7455	0.0013	0.0009	0.0021
GMP711N	GMP713	-191.3363	-21.3100	177.8397	0.0013	0.0009	0.0022
GMP712	GMP713	-92.0280	21.9224	75.0940	0.0011	0.0007	0.0012
GMP713	GMP714N	-230.0691	-91.5333	240.0520	0.0012	0.0008	0.0014
GMP713	GMP715	-312.1301	-103.4098	317.8371	0.0013	0.0008	0.0015
GMP712	GMP714N	-322.0971	-69.6109	315.1457	0.0012	0.0008	0.0013
GMP714N	GMP716	-149.7830	-135.7746	180.4004	0.0012	0.0008	0.0014
GMP714N	GMP715	-82.0610	-11.8765	77.7851	0.0014	0.0009	0.0015
GMP716	GMP717	-78.2829	-48.4723	86.0267	0.0016	0.0009	0.0016
GMP715	GMP717	-146.0044	-172.3703	188.6417	0.0018	0.0010	0.0018
GMP715	GMP716	-67.7206	-123.8975	102.6161	0.0007	0.0004	0.0007
GMP720	GMP722	-79.4609	-250.3907	155.0241	0.0030	0.0018	0.0031
GMP720	GMP721	-76.3515	-93.3203	102.0897	0.0046	0.0029	0.0048
GMP721	GMP722	-3.1095	-157.0703	52.9373	0.0039	0.0024	0.0039
GMP722	GMP723N	-98.8963	-103.2761	123.5472	0.0015	0.0009	0.0016
GMP722	GMP724	-109.4690	-199.4572	163.2087	0.0015	0.0009	0.0016

GMP721	GMP723N	-102.0054	-260.3461	176.4849	0.0040	0.0025	0.0040
GMP723N	GMP725N	-59.3267	-157.4228	105.7156	0.0014	0.0010	0.0015
GMP724	GMP725N	-48.7518	-61.2403	66.0547	0.0013	0.0010	0.0015
GMP725N	GMP726	-40.2485	-63.0086	58.1817	0.0014	0.0010	0.0016
GMP725N	GMP727	-89.2326	-178.5283	142.0913	0.0017	0.0012	0.0019
GMP723N	GMP724	-10.5750	-96.1819	39.6616	0.0008	0.0005	0.0008
GMP724	GMP726	-89.0009	-124.2490	124.2363	0.0013	0.0009	0.0014
GMP727	GMP728N	-3.8009	-57.2456	20.2529	0.0127	0.0047	0.0144
GMP726	GMP727	-48.9961	-115.5236	83.8993	0.0050	0.0019	0.0055
GMP727	GMP729N	-48.1509	-139.0067	87.8719	0.0028	0.0017	0.0034
GMP728N	GMP729N	-44.3205	-81.7510	67.6503	0.0048	0.0029	0.0061
GMP726	GMP728N	-52.8142	-172.7746	104.1326	0.0036	0.0021	0.0047
GMP728N	GMP730N	-75.2543	-176.3460	127.2661	0.0016	0.0010	0.0021
GMP731N	GMP733N	-59.3126	-127.0636	96.3343	0.0033	0.0018	0.0031
GMP730N	GMP731N	-78.9401	-151.0738	122.2794	0.0079	0.0044	0.0073
GMP731N	GMP732N	-28.8622	-82.6900	53.8608	0.0049	0.0028	0.0045
GMP729N	GMP731N	-109.8483	-245.6643	181.9156	0.0025	0.0014	0.0023
GMP729N	GMP730N	-30.9172	-94.5925	59.6133	0.0042	0.0022	0.0041
GMP730N	GMP732N	-107.8001	-233.7601	176.1469	0.0058	0.0031	0.0056
GMP732N	GMP734N	-31.9585	-72.4391	53.2236	0.0017	0.0010	0.0021
GMP732N	GMP733N	-30.4313	-44.3671	42.4828	0.0070	0.0028	0.0079
GMP736	GMP737N	-24.8465	-61.4189	42.2409	0.0043	0.0029	0.0050
GMP736	GMP738N	-53.9920	-357.0134	164.3323	0.0044	0.0029	0.0051
GMP737N	GMP739	-30.1385	-137.2812	72.7686	0.0025	0.0015	0.0027
GMP737N	GMP738N	-29.1463	-295.5946	122.0905	0.0018	0.0012	0.0020
GMP739	GMP740N	-130.1882	-381.7807	241.0712	0.0029	0.0016	0.0030
GMP739	GMP738N	0.9867	-158.3122	49.3157	0.0042	0.0023	0.0046
GMP738N	GMP741N	-112.7298	-280.6235	193.4915	0.0057	0.0031	0.0062
GMP738N	GMP740N	-131.1761	-223.4690	191.7531	0.0042	0.0023	0.0046
GMP740N	GMP741N	18.4465	-57.1569	1.7320	0.0037	0.0021	0.0039
GMP740N	GMP742N	-28.0264	-64.3531	46.2402	0.0022	0.0013	0.0022
GMP741N	GMP744N	-52.4962	-117.9356	85.3997	0.0082	0.0036	0.0096
GMP741N	GMP742N	-46.4831	-7.1945	44.5103	0.0062	0.0029	0.0073
GMP733N	GMP734N	-1.5093	-28.0694	10.7574	0.0031	0.0020	0.0031
GMP733N	GMP735N	-81.5805	-191.7268	132.7740	0.0040	0.0022	0.0037
GMP734N	GMP735N	-80.0754	-163.6585	122.0134	0.0031	0.0017	0.0029
GMP735N	GMP736	30.8223	-121.2210	16.6192	0.0092	0.0053	0.0084
GMP735N	GMP737N	5.9928	-182.6494	58.8663	0.0036	0.0020	0.0033
GMP734N	GMP736	-49.2521	-284.8780	138.6337	0.0064	0.0043	0.0065
GMP744N	GMP745N	-104.8551	-60.1056	114.4935	0.0016	0.0010	0.0020
GMP744N	GMP746N	-139.1800	-135.4188	170.4527	0.0015	0.0009	0.0019
GMP746N	GMP748N	-127.3644	-115.4340	152.6380	0.0015	0.0009	0.0019
GMP745N	GMP746N	-34.3246	-75.3129	55.9598	0.0018	0.0010	0.0022
GMP746N	GMP747N	-69.6617	-27.5771	71.4919	0.0025	0.0016	0.0034
GMP745N	GMP747N	-103.9856	-102.8893	127.4505	0.0027	0.0018	0.0035
GMP748N	GMP749N	-109.1542	-54.0812	116.2088	0.0073	0.0048	0.0077
GMP748N	GMP750N	-151.1641	-146.4012	184.5546	0.0041	0.0022	0.0042
GMP747N	GMP748N	-57.7026	-87.8569	81.1443	0.0021	0.0011	0.0021
GMP747N	GMP749N	-166.8545	-141.9284	197.3528	0.0070	0.0045	0.0076
GMP749N	GMP750N	-42.0056	-92.3154	68.3574	0.0096	0.0061	0.0099
GMP749N	GMP751N	-83.7331	-114.3799	113.3494	0.0077	0.0050	0.0080
GMP752N	GMP754N	-125.8786	-122.1003	154.1446	0.0038	0.0025	0.0038
GMP750N	GMP752N	-105.8862	-130.5676	138.1282	0.0049	0.0032	0.0056
GMP751N	GMP752N	-64.1460	-108.5052	93.1185	0.0033	0.0021	0.0033
GMP752N	GMP753N	-36.0960	-1.6602	33.7526	0.0043	0.0028	0.0043
GMP751N	GMP753N	-100.2448	-110.1675	126.8697	0.0034	0.0019	0.0035
GMP750N	GMP751N	-41.7392	-22.0610	45.0082	0.0039	0.0023	0.0046
GMP758N	GMP759	-74.8753	-106.4089	98.0303	0.0041	0.0027	0.0053
GMP758N	GMP760	-144.9948	-122.1457	166.4330	0.0032	0.0021	0.0041
GMP759	GMP760	-70.1196	-15.7367	68.4029	0.0025	0.0016	0.0032
GMP754N	GMP759	-439.6810	-447.9308	548.4837	0.0037	0.0025	0.0050
GMP753N	GMP758N	-454.5809	-461.9346	570.8501	0.0049	0.0033	0.0063
GMP754N	GMP758N	-364.8053	-341.5217	450.4542	0.0046	0.0029	0.0060
GMP753N	GMP754N	-89.7709	-120.4142	120.4027	0.0042	0.0027	0.0052
GMP768	GMP770	-265.9614	-255.0224	325.9844	0.0028	0.0015	0.0029
GMP768	GMP769N	-193.4672	-215.7297	249.0014	0.0065	0.0036	0.0067
GMP766	GMP768	-144.5477	-142.9768	178.9765	0.0030	0.0016	0.0031
GMP767	GMP768	-84.4977	-35.0949	88.9870	0.0030	0.0016	0.0031
GMP767	GMP769N	-277.9664	-250.8248	337.9871	0.0071	0.0037	0.0071
GMP766	GMP767	-60.0501	-107.8817	89.9895	0.0024	0.0013	0.0026
GMP770	GMP771N	-53.8076	-83.4548	78.6454	0.0047	0.0031	0.0057
GMP770	GMP772	-146.0420	-137.2520	179.3213	0.0017	0.0010	0.0021
GMP771N	GMP773N	-161.6021	-156.8330	198.2233	0.0023	0.0015	0.0028

GMP771N	GMP772	-92.2355	-53.7981	100.6740	0.0042	0.0027	0.0050
GMP772	GMP773N	-69.3697	-103.0341	97.5564	0.0039	0.0021	0.0036
GMP772	GMP774N	-230.8448	-245.2429	289.7053	0.0013	0.0007	0.0013
GMP778	GMP779N	-161.9042	-189.9578	209.5857	0.0052	0.0034	0.0059
GMP779N	GMP781N	-121.4689	-117.9662	148.0727	0.0033	0.0022	0.0036
GMP779N	GMP780N	-71.7603	-55.3285	82.8419	0.0056	0.0037	0.0063
GMP778	GMP780N	-233.6660	-245.2872	292.4251	0.0013	0.0008	0.0015
GMP780N	GMP782	-119.3976	-95.7863	137.4470	0.0018	0.0010	0.0019
GMP780N	GMP781N	-49.7083	-62.6377	65.2266	0.0045	0.0026	0.0049
GMP781N	GMP782	-69.6901	-33.1496	72.2212	0.0055	0.0031	0.0058
GMP781N	GMP783N	-141.3168	-149.5103	176.2150	0.0034	0.0020	0.0037
GMP782	GMP784N	-111.1914	-146.6670	149.5684	0.0027	0.0015	0.0028
GMP782	GMP783N	-71.6241	-116.3582	103.9994	0.0019	0.0010	0.0020
GMP783N	GMP785N	-92.6817	-110.1039	119.3779	0.0028	0.0019	0.0032
GMP783N	GMP784N	-39.5674	-30.3128	45.5611	0.0023	0.0015	0.0025
GMP784N	GMP785N	-53.1133	-79.7906	73.8137	0.0038	0.0026	0.0044
GMP784N	GMP786N	-179.9473	-231.1805	237.4942	0.0018	0.0012	0.0019
GMP785N	GMP787N	-200.4749	-259.5917	265.1876	0.0039	0.0026	0.0044
GMP785N	GMP786N	-126.8370	-151.3910	163.6781	0.0041	0.0028	0.0048
GMP788	GMP790	-108.4199	-170.5551	153.6951	0.0033	0.0018	0.0031
GMP789	GMP790	-22.1056	-152.4422	70.4018	0.0030	0.0016	0.0029
GMP787N	GMP789	-132.3235	-154.7377	167.4731	0.0057	0.0030	0.0055
GMP788	GMP789	-86.3140	-18.1128	83.2937	0.0023	0.0013	0.0022
GMP787N	GMP788	-46.0115	-136.6230	84.1759	0.0057	0.0030	0.0054
GMP786N	GMP788	-119.6605	-244.8333	185.6764	0.0027	0.0014	0.0026
GMP786N	GMP787N	-73.6452	-108.2106	101.5016	0.0050	0.0029	0.0051
GMP743N	GMP745N	-78.0764	-98.9568	102.5229	0.0026	0.0013	0.0023
GMP743N	GMP744N	26.7704	-38.8879	-11.9867	0.0019	0.0011	0.0019
GMP742N	GMP743N	-32.7893	-71.8433	52.8806	0.0018	0.0010	0.0017
GMP742N	GMP744N	-6.0191	-110.7314	40.8929	0.0019	0.0011	0.0019
GMP769N	GMP770	-72.4660	-39.2821	76.9934	0.0061	0.0038	0.0064
GMP769N	GMP771N	-126.2881	-122.7335	155.6237	0.0034	0.0021	0.0036
GMP773N	GMP775	-197.4926	-213.2413	245.3870	0.0039	0.0025	0.0042
GMP773N	GMP774N	-161.4702	-142.2153	192.1594	0.0041	0.0027	0.0044
GMP774N	GMP776	-121.9439	-96.9428	141.0901	0.0018	0.0011	0.0021
GMP774N	GMP775	-36.0222	-71.0252	53.2279	0.0014	0.0008	0.0016
GMP775	GMP776	-85.9223	-25.9178	87.8616	0.0015	0.0009	0.0018
GMP775	GMP777	-135.8686	-133.8612	166.7239	0.0015	0.0009	0.0018
GMP776	GMP777	-49.9445	-107.9437	78.8618	0.0014	0.0008	0.0014
GMP776	GMP778	-119.6710	-117.9307	145.3494	0.0020	0.0011	0.0021
GMP777	GMP778	-69.7239	-9.9877	66.4874	0.0018	0.0010	0.0018
GMP777	GMP779N	-231.8687	-200.0313	275.8248	0.0052	0.0030	0.0052
GMP796	GMP797	-103.4353	-79.8208	119.9557	0.0033	0.0019	0.0042
GMP796	GMP798	-103.0341	-167.6016	148.5239	0.0033	0.0019	0.0042
GMP797	GMP798	0.4016	-87.7804	28.5695	0.0045	0.0026	0.0058
GMP799N	GMP800	-49.2668	-111.6228	78.1406	0.0008	0.0005	0.0009
GMP798	GMP799N	-56.6408	-55.0620	70.9210	0.0035	0.0022	0.0040
GMP799N	GMP801	-128.1962	-163.7058	166.2022	0.0025	0.0014	0.0027
GMP798	GMP800	-105.9072	-166.6849	149.0628	0.0035	0.0021	0.0039
GMP801	GMP802	-156.3159	-266.7954	227.5842	0.0028	0.0018	0.0029
GMP800	GMP802	-235.2504	-318.8784	315.6403	0.0018	0.0011	0.0018
GMP800	GMP801	-78.9319	-52.0826	88.0559	0.0019	0.0012	0.0019

Adjustment Results

Adjusted Coordinates

Station	WGS84 Latitude	WGS84 Longitude	Ellip. Height [m]	Corr WGS84 Lat [m]	Corr WGS84 Long [m]	Corr Height [m]
GMP630	45° 58' 04.39" N	19° 40' 20.48" E	-	0.0000	0.0000	44.4661
GMP631	45° 58' 08.86" N	19° 40' 22.80" E	-	0.0000	0.0000	44.4251
GMP632	45° 58' 12.63" N	19° 40' 21.76" E	-	0.0000	0.0000	44.4268
GMP633N	45° 58' 18.44" N	19° 40' 23.68" E	-	-2.1667	-1.4323	45.7077
GMP634	45° 58' 20.58" N	19° 40' 23.06" E	-	0.0000	0.0000	44.4269
GMP635	45° 58' 24.70" N	19° 40' 25.18" E	-	0.0000	0.0000	44.4396
GMP636	45° 58' 28.81" N	19° 40' 24.30" E	-	0.0000	0.0000	44.4654
GMP644	45° 59' 01.54" N	19° 40' 28.59" E	-	0.0000	0.0000	-51.7376
GMP645	45° 59' 05.39" N	19° 40' 31.57" E	-	0.0000	0.0000	-51.7345
GMP646	45° 59' 10.82" N	19° 40' 30.43" E	-	0.0000	0.0000	-51.7438
GMP647N	45° 59' 14.80" N	19° 40' 32.36" E	-	-1.7141	-0.5514	-48.4345
GMP648	45° 59' 18.67" N	19° 40' 31.88" E	-	-1.7205	-0.5534	-48.4469
GMP649N	45° 59' 22.85" N	19° 40' 33.61" E	-	-1.7131	-0.5525	-48.4347

GMP650	45° 59' 27.00" N	19° 40' 33.01" E	-	-1.7196	-0.5530	-48.4472
GMP651N	45° 59' 29.51" N	19° 40' 34.62" E	-	-1.7194	-0.5534	-48.4478
GMP652	45° 59' 35.33" N	19° 40' 34.35" E	-	-1.7184	-0.5532	-48.4471
GMP653	45° 59' 38.23" N	19° 40' 36.38" E	-	-1.7182	-0.5528	-48.4475
GMP654	45° 59' 43.16" N	19° 40' 34.63" E	-	-1.7164	-0.5536	-48.4459
GMP655N	45° 59' 56.82" N	19° 40' 38.84" E	-	-1.7170	-0.5518	-48.4521
GMP656	46° 00' 00.59" N	19° 40' 38.05" E	-	-1.7095	-0.5549	-48.4429
GMP657	46° 00' 05.72" N	19° 40' 40.90" E	-	-1.7051	-0.5559	-48.4407
GMP658N	46° 00' 09.90" N	19° 40' 40.29" E	-	-1.7055	-0.5553	-48.4424
GMP659N	46° 00' 12.92" N	19° 40' 41.32" E	-	-1.7064	-0.5562	-48.4387
GMP660N	46° 00' 16.16" N	19° 40' 41.31" E	-	-1.7039	-0.5555	-48.4388
GMP661N	46° 00' 20.98" N	19° 40' 42.56" E	-	-1.7069	-0.5566	-48.4399
GMP662	46° 00' 26.22" N	19° 40' 41.88" E	-	-1.7033	-0.5558	-48.4390
GMP663N	46° 00' 29.24" N	19° 40' 43.83" E	-	-1.7029	-0.5558	-48.4385
GMP664	46° 00' 33.59" N	19° 40' 43.42" E	-	-1.7026	-0.5553	-48.4400
GMP665N	46° 00' 37.08" N	19° 40' 45.04" E	-	-1.7001	-0.5564	-48.4336
GMP666N	46° 00' 41.71" N	19° 40' 45.29" E	-	-1.7020	-0.5534	-48.4422
GMP667	46° 00' 44.24" N	19° 40' 47.46" E	-	0.0000	0.0000	-51.7771
GMP668	46° 00' 50.26" N	19° 40' 45.87" E	-	0.0000	0.0000	-51.7799
GMP669	46° 00' 54.59" N	19° 40' 48.82" E	-	0.0000	0.0000	-51.7484
GMP670	46° 00' 57.20" N	19° 40' 46.87" E	-	0.0000	0.0000	-22.8257
GMP671	46° 01' 02.47" N	19° 40' 49.93" E	-	0.0000	0.0000	-22.7924
GMP672	46° 01' 06.07" N	19° 40' 48.39" E	-	0.0000	0.0000	-22.8178
GMP673N	46° 01' 14.55" N	19° 40' 51.35" E	-	-1.3115	-0.8803	-20.6468
GMP674	46° 01' 17.30" N	19° 40' 50.38" E	-	-1.3157	-0.8746	-20.6470
GMP675N	46° 01' 22.26" N	19° 40' 52.23" E	-	-1.3077	-0.8743	-20.6472
GMP676N	46° 01' 27.72" N	19° 40' 52.57" E	-	-1.3199	-0.8673	-20.6398
GMP677N	46° 01' 31.76" N	19° 40' 53.70" E	-	-1.3000	-0.8684	-20.6413
GMP678	46° 01' 36.49" N	19° 40' 53.10" E	-	-1.3005	-0.8658	-20.6408
GMP679	46° 01' 39.42" N	19° 40' 56.58" E	-	-1.2935	-0.8636	-20.6406
GMP680N	46° 01' 45.06" N	19° 40' 54.95" E	-	-1.2947	-0.8612	-20.6414
GMP681	46° 01' 47.23" N	19° 40' 56.92" E	-	-1.2867	-0.8596	-20.6412
GMP682N	46° 01' 51.83" N	19° 40' 55.99" E	-	-1.2876	-0.8602	-20.6403
GMP683	46° 01' 55.26" N	19° 40' 57.93" E	-	0.0000	0.0000	-22.8145
GMP684	46° 02' 00.79" N	19° 40' 56.49" E	-	0.0000	0.0000	-22.8382
GMP685	46° 02' 06.18" N	19° 40' 59.89" E	-	0.0000	0.0000	-22.8515
GMP688	46° 02' 17.25" N	19° 40' 59.38" E	-	0.0000	0.0000	-20.9726
GMP689	46° 02' 22.18" N	19° 41' 01.82" E	-	0.0000	0.0000	-20.6033
GMP690	46° 02' 25.17" N	19° 41' 00.68" E	-	0.0000	0.0000	-20.5769
GMP691N	46° 02' 28.23" N	19° 41' 02.44" E	-	-2.7699	-0.8520	-12.2884
GMP692	46° 02' 42.54" N	19° 41' 07.80" E	-	-2.7727	-0.8514	-12.2897
GMP693	46° 02' 47.21" N	19° 41' 08.63" E	-	-2.7702	-0.8545	-12.2877
GMP694N	46° 02' 51.60" N	19° 41' 13.05" E	-	-2.7727	-0.8564	-12.2916
GMP695	46° 02' 55.11" N	19° 41' 14.42" E	-	0.0000	0.0000	-20.5918
GMP696	46° 02' 58.01" N	19° 41' 19.60" E	-	0.0000	0.0000	-20.6025
GMP697	46° 03' 01.53" N	19° 41' 21.09" E	-	0.0000	0.0000	-20.5615
GMP700	46° 03' 10.80" N	19° 41' 34.79" E	-	0.0000	0.0000	13.8117
GMP701	46° 03' 15.83" N	19° 41' 37.69" E	-	0.0000	0.0000	13.8178
GMP702	46° 03' 17.07" N	19° 41' 42.22" E	-	0.0000	0.0000	13.8233
GMP703N	46° 03' 21.26" N	19° 41' 45.92" E	-	-1.6870	0.2173	16.7666
GMP704	46° 03' 23.71" N	19° 41' 49.85" E	-	-1.6884	0.2193	16.7632
GMP705N	46° 03' 37.52" N	19° 41' 59.17" E	-	-1.6911	0.2203	16.7626
GMP706	46° 03' 43.68" N	19° 42' 01.07" E	-	-1.6933	0.2220	16.7639
GMP707	46° 03' 47.57" N	19° 42' 03.84" E	-	-1.6955	0.2236	16.7640
GMP708	46° 03' 51.44" N	19° 42' 03.03" E	-	-1.6967	0.2250	16.7640
GMP709	46° 03' 55.08" N	19° 42' 05.31" E	-	-1.6982	0.2267	16.7639
GMP710	46° 03' 58.97" N	19° 42' 04.20" E	-	-1.7000	0.2285	16.7638
GMP711N	46° 04' 03.52" N	19° 42' 05.70" E	-	-1.7015	0.2299	16.7636
GMP712	46° 04' 08.35" N	19° 42' 05.36" E	-	-1.7028	0.2313	16.7637
GMP713	46° 04' 11.89" N	19° 42' 07.77" E	-	-1.7043	0.2339	16.7635
GMP714N	46° 04' 23.05" N	19° 42' 07.37" E	-	-1.7063	0.2320	16.7636
GMP715	46° 04' 26.70" N	19° 42' 08.13" E	-	0.0000	0.0000	13.8619
GMP716	46° 04' 31.46" N	19° 42' 03.77" E	-	0.0000	0.0000	13.8177
GMP717	46° 04' 35.50" N	19° 42' 02.87" E	-	0.0000	0.0000	13.8285
GMP720	46° 04' 43.97" N	19° 41' 50.49" E	-	0.0000	0.0000	-12.3207
GMP721	46° 04' 48.67" N	19° 41' 47.60" E	-	0.0000	0.0000	-12.3243
GMP722	46° 04' 51.16" N	19° 41' 40.77" E	-	0.0000	0.0000	-12.3198
GMP723N	46° 04' 56.92" N	19° 41' 37.79" E	-	-2.5640	-1.1710	-12.9972
GMP724	46° 04' 58.80" N	19° 41' 33.74" E	-	-2.5638	-1.1701	-12.9969
GMP725N	46° 05' 01.84" N	19° 41' 31.83" E	-	-2.5632	-1.1711	-12.9979
GMP726	46° 05' 04.53" N	19° 41' 29.70" E	-	-2.5636	-1.1717	-12.9955
GMP727	46° 05' 08.40" N	19° 41' 25.40" E	-	-2.5626	-1.1721	-13.0009

GMP729N	46° 05' 12.32" N	19° 41' 26.07" E	-	-2.5606	-1.1726	-13.0012
GMP730N	46° 05' 15.28" N	19° 41' 16.40" E	-	-2.5637	-1.1754	-12.9939
GMP731N	46° 05' 20.95" N	19° 41' 11.02" E	-	-2.5616	-1.1728	-13.0042
GMP732N	46° 05' 23.44" N	19° 41' 07.85" E	-	-2.5599	-1.1756	-12.9996
GMP733N	46° 05' 25.42" N	19° 41' 06.38" E	-	-2.5610	-1.1739	-13.0066
GMP734N	46° 05' 25.91" N	19° 41' 05.18" E	-	-2.5600	-1.1775	-12.9987
GMP735N	46° 05' 31.70" N	19° 40' 59.26" E	-	-2.5594	-1.1756	-13.0027
GMP736	46° 05' 32.35" N	19° 40' 53.46" E	-	-2.5604	-1.1816	-12.9950
GMP737N	46° 05' 34.32" N	19° 40' 51.16" E	-	-2.5580	-1.1747	-13.0006
GMP738N	46° 05' 40.03" N	19° 40' 38.66" E	-	-2.5576	-1.1756	-13.0009
GMP739	46° 05' 37.70" N	19° 40' 45.61" E	-	-2.5566	-1.1759	-12.9983
GMP740N	46° 05' 48.97" N	19° 40' 30.92" E	-	-2.5550	-1.1767	-12.9987
GMP741N	46° 05' 49.06" N	19° 40' 28.13" E	-	-2.5572	-1.1770	-12.9979
GMP742N	46° 05' 51.13" N	19° 40' 28.54" E	-	-2.5536	-1.1795	-12.9996
GMP743N	46° 05' 53.60" N	19° 40' 25.90" E	-	-2.5529	-1.1871	-13.0036
GMP744N	46° 05' 53.05" N	19° 40' 23.78" E	-	-2.5542	-1.1780	-12.9963
GMP745N	46° 05' 58.40" N	19° 40' 22.79" E	-	-2.5529	-1.1790	-12.9988
GMP746N	46° 06' 01.00" N	19° 40' 20.02" E	-	-2.5537	-1.1775	-12.9963
GMP747N	46° 06' 04.36" N	19° 40' 19.91" E	-	-2.5519	-1.1797	-12.9976
GMP748N	46° 06' 08.14" N	19° 40' 16.96" E	-	-2.5536	-1.1777	-12.9965
GMP749N	46° 06' 13.57" N	19° 40' 16.30" E	-	-2.5501	-1.1809	-13.0008
GMP750N	46° 06' 16.75" N	19° 40' 12.91" E	-	-2.5555	-1.1792	-12.9963
GMP751N	46° 06' 18.85" N	19° 40' 12.60" E	-	-2.5531	-1.1814	-12.9979
GMP752N	46° 06' 23.21" N	19° 40' 08.84" E	-	-2.5533	-1.1795	-12.9966
GMP753N	46° 06' 24.77" N	19° 40' 09.34" E	-	-2.5512	-1.1864	-13.0005
GMP754N	46° 06' 30.39" N	19° 40' 05.46" E	-	-2.5526	-1.1795	-12.9973
GMP758N	46° 06' 51.21" N	19° 39' 56.21" E	-	-2.5533	-1.1890	-13.0006
GMP759	46° 06' 55.89" N	19° 39' 52.71" E	-	0.0000	0.0000	-12.2521
GMP760	46° 06' 59.09" N	19° 39' 53.12" E	-	0.0000	0.0000	-12.2927
GMP766	46° 07' 22.19" N	19° 39' 42.19" E	-	0.0000	0.0000	35.0809
GMP767	46° 07' 26.37" N	19° 39' 38.40" E	-	0.0000	0.0000	35.0812
GMP768	46° 07' 30.50" N	19° 39' 38.18" E	-	0.0000	0.0000	35.1180
GMP769N	46° 07' 42.04" N	19° 39' 31.75" E	-	-2.6785	-0.9147	42.5831
GMP770	46° 07' 45.67" N	19° 39' 31.16" E	-	-2.6915	-0.9134	42.5891
GMP771N	46° 07' 49.28" N	19° 39' 28.35" E	-	-2.6784	-0.9165	42.5866
GMP772	46° 07' 53.99" N	19° 39' 27.43" E	-	-2.6889	-0.9139	42.5878
GMP773N	46° 07' 58.51" N	19° 39' 24.00" E	-	-2.6819	-0.9139	42.5863
GMP774N	46° 08' 07.49" N	19° 39' 20.29" E	-	-2.6871	-0.9167	42.5886
GMP775	46° 08' 10.03" N	19° 39' 17.74" E	-	-2.6853	-0.9173	42.5914
GMP776	46° 08' 14.10" N	19° 39' 17.95" E	-	-2.6846	-0.9170	42.5848
GMP777	46° 08' 17.82" N	19° 39' 13.99" E	-	-2.6841	-0.9177	42.6010
GMP778	46° 08' 20.92" N	19° 39' 14.65" E	-	-2.6816	-0.9154	42.5540
GMP779N	46° 08' 30.67" N	19° 39' 08.85" E	-	-2.6936	-0.9165	42.8081
GMP780N	46° 08' 34.55" N	19° 39' 07.55" E	-	-2.6801	-0.9144	42.5172
GMP781N	46° 08' 37.60" N	19° 39' 05.58" E	-	-2.6933	-0.9144	42.8429
GMP782	46° 08' 41.01" N	19° 39' 05.22" E	-	-2.6776	-0.9159	42.5048
GMP783N	46° 08' 45.83" N	19° 39' 01.23" E	-	-2.6763	-0.9154	42.5009
GMP784N	46° 08' 47.96" N	19° 39' 00.52" E	-	-2.6881	-0.9120	42.8615
GMP785N	46° 08' 51.41" N	19° 38' 57.85" E	-	-2.6899	-0.9131	42.8582
GMP786N	46° 08' 59.06" N	19° 38' 53.20" E	-	-2.6762	-0.9170	42.4984
GMP787N	46° 09' 03.81" N	19° 38' 49.60" E	-	-2.6885	-0.9152	42.8528
GMP788	46° 09' 07.79" N	19° 38' 44.33" E	-	0.0000	0.0000	35.0215
GMP789	46° 09' 11.69" N	19° 38' 44.88" E	-	0.0000	0.0000	35.0204
GMP790	46° 09' 14.96" N	19° 38' 38.54" E	-	0.0000	0.0000	35.0725
GMP796	46° 09' 37.27" N	19° 38' 20.07" E	-	0.0000	0.0000	12.2594
GMP797	46° 09' 42.86" N	19° 38' 18.19" E	-	0.0000	0.0000	12.2528
GMP798	46° 09' 44.18" N	19° 38' 14.33" E	-	0.0000	0.0000	12.2502
GMP799N	46° 09' 47.45" N	19° 38' 12.80" E	-	-3.3043	-0.1160	16.3295
GMP800	46° 09' 51.16" N	19° 38' 08.67" E	-	0.0000	0.0000	12.2933
GMP801	46° 09' 55.28" N	19° 38' 07.62" E	-	0.0000	0.0000	12.2599
GMP802	46° 10' 05.92" N	19° 37' 58.35" E	-	0.0000	0.0000	12.2573

Station	Easting [m]	Northing [m]	Ortho. Height [m]	Corr E [m]	Corr N [m]	Corr Height [m]
GMP630	7397536.2841	5092354.4407	-	0.0000	0.0000	44.4661
GMP631	7397588.6376	5092491.3402	-	0.0000	0.0000	44.4251
GMP632	7397568.2495	5092608.3434	-	0.0000	0.0000	44.4268
GMP633N	7397612.4183	5092786.9920	-	-1.4323	-2.1667	45.7077
GMP634	7397600.3021	5092853.1863	-	0.0000	0.0000	44.4269
GMP635	7397648.0545	5092979.7511	-	0.0000	0.0000	44.4396
GMP636	7397631.0595	5093106.7858	-	0.0000	0.0000	44.4654
GMP644	7397740.2266	5094115.5865	-	0.0000	0.0000	-51.7376
GMP645	7397806.4530	5094233.4742	-	0.0000	0.0000	-51.7345

GMP646	7397784.5247	5094401.3780	-	0.0000	0.0000	-51.7438
GMP647N	7397828.2146	5094523.7124	-	-0.5514	-1.7141	-48.4345
GMP648	7397819.8566	5094643.4416	-	-0.5534	-1.7205	-48.4469
GMP649N	7397859.1664	5094771.6789	-	-0.5525	-1.7131	-48.4347
GMP650	7397848.3763	5094900.0834	-	-0.5530	-1.7196	-48.4472
GMP651N	7397884.4468	5094976.9508	-	-0.5534	-1.7194	-48.4478
GMP652	7397881.4362	5095156.6930	-	-0.5532	-1.7184	-48.4471
GMP653	7397926.8006	5095245.7054	-	-0.5528	-1.7182	-48.4475
GMP654	7397891.6251	5095398.3628	-	-0.5536	-1.7164	-48.4459
GMP655N	7397989.0904	5095818.6717	-	-0.5518	-1.7170	-48.4521
GMP656	7397974.0966	5095935.2174	-	-0.5549	-1.7095	-48.4429
GMP657	7398037.9389	5096092.5391	-	-0.5559	-1.7051	-48.4407
GMP658N	7398027.0847	5096221.7611	-	-0.5553	-1.7055	-48.4424
GMP659N	7398050.7135	5096314.8867	-	-0.5562	-1.7064	-48.4387
GMP660N	7398052.1252	5096414.8845	-	-0.5555	-1.7039	-48.4388
GMP661N	7398081.5207	5096562.9799	-	-0.5566	-1.7069	-48.4399
GMP662	7398069.6702	5096725.1174	-	-0.5558	-1.7033	-48.4390
GMP663N	7398113.0750	5096817.7760	-	-0.5558	-1.7029	-48.4385
GMP664	7398106.5181	5096952.1527	-	-0.5553	-1.7026	-48.4400
GMP665N	7398143.2426	5097059.1521	-	-0.5564	-1.7001	-48.4336
GMP666N	7398150.9307	5097202.0785	-	-0.5534	-1.7020	-48.4422
GMP667	7398198.7676	5097279.5159	-	0.0000	0.0000	-51.7771
GMP668	7398167.8114	5097465.9093	-	0.0000	0.0000	-51.7799
GMP669	7398233.4031	5097598.5863	-	0.0000	0.0000	-51.7484
GMP670	7398192.8126	5097679.6997	-	0.0000	0.0000	-22.8257
GMP671	7398261.3284	5097841.3167	-	0.0000	0.0000	-22.7924
GMP672	7398230.0193	5097953.1587	-	0.0000	0.0000	-22.8178
GMP673N	7398298.0369	5098213.6778	-	-0.8803	-1.3115	-20.6468
GMP674	7398278.6631	5098298.9632	-	-0.8746	-1.3157	-20.6470
GMP675N	7398320.8465	5098451.6113	-	-0.8743	-1.3077	-20.6472
GMP676N	7398330.8965	5098619.9111	-	-0.8673	-1.3199	-20.6398
GMP677N	7398357.2953	5098744.3432	-	-0.8684	-1.3000	-20.6413
GMP678	7398346.7947	5098890.6043	-	-0.8658	-1.3005	-20.6408
GMP679	7398423.1088	5098979.8410	-	-0.8636	-1.2935	-20.6406
GMP680N	7398391.0724	5099154.4294	-	-0.8612	-1.2947	-20.6414
GMP681	7398434.4833	5099220.5620	-	-0.8596	-1.2867	-20.6412
GMP682N	7398416.8088	5099362.9523	-	-0.8602	-1.2876	-20.6403
GMP683	7398460.2655	5099468.3639	-	0.0000	0.0000	-22.8145
GMP684	7398432.0972	5099639.4449	-	0.0000	0.0000	-22.8382
GMP685	7398508.0059	5099804.5427	-	0.0000	0.0000	-22.8515
GMP688	7398502.8203	5100146.4935	-	0.0000	0.0000	-20.9726
GMP689	7398557.6419	5100297.9264	-	0.0000	0.0000	-20.6033
GMP690	7398534.7344	5100390.7393	-	0.0000	0.0000	-20.5769
GMP691N	7398574.0728	5100484.5498	-	-0.8520	-2.7699	-12.2884
GMP692	7398696.6861	5100924.3312	-	-0.8514	-2.7727	-12.2897
GMP693	7398716.8657	5101068.1619	-	-0.8545	-2.7702	-12.2877
GMP694N	7398814.1368	5101202.2336	-	-0.8564	-2.7727	-12.2916
GMP695	7398845.4133	5101310.0551	-	0.0000	0.0000	-20.5918
GMP696	7398958.2009	5101397.6154	-	0.0000	0.0000	-20.6025
GMP697	7398991.9096	5101505.8231	-	0.0000	0.0000	-20.5615
GMP700	7399291.0683	5101787.3560	-	0.0000	0.0000	13.8117
GMP701	7399355.9848	5101941.4417	-	0.0000	0.0000	13.8178
GMP702	7399453.9862	5101978.2515	-	0.0000	0.0000	13.8233
GMP703N	7399535.6768	5102106.1407	-	0.2173	-1.6870	16.7666
GMP704	7399621.3331	5102180.4554	-	0.2193	-1.6884	16.7632
GMP705N	7399828.6737	5102603.6641	-	0.2203	-1.6911	16.7626
GMP706	7399872.5114	5102793.0901	-	0.2220	-1.6933	16.7639
GMP707	7399934.0872	5102912.1008	-	0.2236	-1.6955	16.7640
GMP708	7399918.6942	5103031.9067	-	0.2250	-1.6967	16.7640
GMP709	7399969.5215	5103143.4616	-	0.2267	-1.6982	16.7639
GMP710	7399947.5201	5103263.9194	-	0.2285	-1.7000	16.7638
GMP711N	7399982.0588	5103404.0059	-	0.2299	-1.7015	16.7636
GMP712	7399977.2687	5103553.2125	-	0.2313	-1.7028	16.7637
GMP713	7400030.7076	5103661.5263	-	0.2339	-1.7043	16.7635
GMP714N	7400027.7138	5104006.3732	-	0.2320	-1.7063	16.7636
GMP715	7400046.0396	5104118.5751	-	0.0000	0.0000	13.8619
GMP716	7399954.6158	5104267.2726	-	0.0000	0.0000	13.8177
GMP717	7399937.4098	5104392.1079	-	0.0000	0.0000	13.8285
GMP720	7399675.7433	5104657.9715	-	0.0000	0.0000	-12.3207
GMP721	7399615.9900	5104804.2041	-	0.0000	0.0000	-12.3243
GMP722	7399470.4511	5104883.5587	-	0.0000	0.0000	-12.3198
GMP723N	7399409.4653	5105062.4173	-	-1.1710	-2.5640	-12.9972

GMP724	7399323.4389	5105121.8657	-	-1.1701	-2.5638	-12.9969
GMP725N	7399283.7526	5105216.2755	-	-1.1711	-2.5632	-12.9979
GMP726	7399239.3602	5105299.9616	-	-1.1717	-2.5636	-12.9955
GMP727	7399149.0784	5105420.9244	-	-1.1721	-2.5626	-13.0009
GMP728N	7399096.9700	5105452.3041	-	-1.1731	-2.5638	-12.9959
GMP729N	7399036.5350	5105550.1382	-	-1.1726	-2.5606	-13.0012
GMP730N	7398959.3051	5105636.7021	-	-1.1754	-2.5637	-12.9939
GMP731N	7398846.5584	5105813.6008	-	-1.1728	-2.5616	-13.0042
GMP732N	7398779.7049	5105891.7164	-	-1.1756	-2.5599	-12.9996
GMP733N	7398749.1923	5105953.1028	-	-1.1739	-2.5610	-13.0066
GMP734N	7398723.5280	5105968.8242	-	-1.1775	-2.5600	-12.9987
GMP735N	7398599.3777	5106149.5511	-	-1.1756	-2.5594	-13.0027
GMP736	7398475.2036	5106171.6392	-	-1.1816	-2.5604	-12.9950
GMP737N	7398426.7541	5106233.5002	-	-1.1747	-2.5580	-13.0006
GMP738N	7398161.2036	5106414.0872	-	-1.1756	-2.5576	-13.0009
GMP739	7398309.3861	5106339.6789	-	-1.1759	-2.5566	-12.9983
GMP740N	7397999.5678	5106692.9913	-	-1.1767	-2.5550	-12.9987
GMP741N	7397939.5889	5106696.5407	-	-1.1770	-2.5572	-12.9979
GMP742N	7397949.5245	5106760.5269	-	-1.1795	-2.5536	-12.9996
GMP743N	7397894.1869	5106837.8019	-	-1.1871	-2.5529	-13.0036
GMP744N	7397848.2872	5106821.5220	-	-1.1780	-2.5542	-12.9963
GMP745N	7397829.7537	5106986.9654	-	-1.1790	-2.5529	-12.9988
GMP746N	7397771.7372	5107068.3034	-	-1.1775	-2.5537	-12.9963
GMP747N	7397770.9481	5107171.8576	-	-1.1797	-2.5519	-12.9976
GMP748N	7397709.6011	5107289.6233	-	-1.1777	-2.5536	-12.9965
GMP749N	7397698.2246	5107457.5933	-	-1.1809	-2.5501	-13.0008
GMP750N	7397627.0834	5107557.0788	-	-1.1792	-2.5555	-12.9963
GMP751N	7397621.4421	5107622.0586	-	-1.1814	-2.5531	-12.9979
GMP752N	7397543.1201	5107757.7952	-	-1.1795	-2.5533	-12.9966
GMP753N	7397554.5048	5107805.9111	-	-1.1864	-2.5512	-13.0005
GMP754N	7397474.2440	5107980.8799	-	-1.1795	-2.5526	-12.9973
GMP758N	7397286.2129	5108626.8007	-	-1.1890	-2.5533	-13.0006
GMP759	7397213.6560	5108772.6287	-	0.0000	0.0000	-12.2521
GMP760	7397224.0566	5108871.2701	-	0.0000	0.0000	-12.2927
GMP766	7397001.3322	5109588.2181	-	0.0000	0.0000	35.0809
GMP767	7396922.1494	5109718.8687	-	0.0000	0.0000	35.0812
GMP768	7396919.6729	5109846.4356	-	0.0000	0.0000	35.1180
GMP769N	7396787.6307	5110204.9554	-	-0.9147	-2.6785	42.5831
GMP770	7396776.9092	5110317.2316	-	-0.9134	-2.6915	42.5891
GMP771N	7396718.3091	5110429.5092	-	-0.9165	-2.6784	42.5866
GMP772	7396701.1285	5110575.2527	-	-0.9139	-2.6889	42.5878
GMP773N	7396629.8057	5110716.1630	-	-0.9139	-2.6819	42.5863
GMP774N	7396554.8906	5110994.7455	-	-0.9167	-2.6871	42.5886
GMP775	7396501.4554	5111074.2276	-	-0.9173	-2.6853	42.5914
GMP776	7396508.0701	5111199.6416	-	-0.9170	-2.6846	42.5848
GMP777	7396425.1673	5111315.7955	-	-0.9177	-2.6841	42.6010
GMP778	7396440.8349	5111411.3819	-	-0.9154	-2.6816	42.5540
GMP779N	7396321.5132	5111714.6675	-	-0.9165	-2.6936	42.8081
GMP780N	7396295.5733	5111834.6700	-	-0.9144	-2.6801	42.5172
GMP781N	7396254.9033	5111929.5122	-	-0.9144	-2.6933	42.8429
GMP782	7396248.9085	5112035.0297	-	-0.9159	-2.6776	42.5048
GMP783N	7396165.9529	5112185.3692	-	-0.9154	-2.6763	42.5009
GMP784N	7396151.8311	5112251.4081	-	-0.9120	-2.6881	42.8615
GMP785N	7396096.3639	5112358.9235	-	-0.9131	-2.6899	42.8582
GMP786N	7396000.4687	5112596.8303	-	-0.9170	-2.6762	42.4984
GMP787N	7395925.8273	5112744.6935	-	-0.9152	-2.6885	42.8528
GMP788	7395814.7322	5112869.2952	-	0.0000	0.0000	35.0215
GMP789	7395828.7460	5112989.7890	-	0.0000	0.0000	35.0204
GMP790	7395694.3490	5113092.8163	-	0.0000	0.0000	35.0725
GMP796	7395309.8713	5113788.3551	-	0.0000	0.0000	12.2594
GMP797	7395272.4090	5113961.7236	-	0.0000	0.0000	12.2528
GMP798	7395190.3224	5114003.9299	-	0.0000	0.0000	12.2502
GMP799N	7395159.2357	5114105.4063	-	-0.1160	-3.3043	16.3295
GMP800	7395072.6540	5114221.5370	-	0.0000	0.0000	12.2933
GMP801	7395052.2851	5114349.1655	-	0.0000	0.0000	12.2599
GMP802	7394859.1959	5114681.0023	-	0.0000	0.0000	12.2573

Standard Deviations

Station	SD WGS84 Lat [m]	SD WGS84 Long [m]	SD Height [m]
GMP630	0.0000	0.0000	115.8967
GMP631	0.0000	0.0000	115.8967
GMP632	0.0000	0.0000	115.8967

GMP633N	0.0062	0.0059	115.8969
GMP634	0.0000	0.0000	115.8968
GMP635	0.0000	0.0000	115.8967
GMP636	0.0000	0.0000	115.8967
GMP644	0.0000	0.0000	51.0062
GMP645	0.0000	0.0000	51.0062
GMP646	0.0000	0.0000	51.0063
GMP647N	0.0084	0.0074	51.0066
GMP648	0.0087	0.0082	51.0063
GMP649N	0.0106	0.0099	51.0065
GMP650	0.0110	0.0105	51.0061
GMP651N	0.0123	0.0116	51.0061
GMP652	0.0124	0.0119	51.0061
GMP653	0.0130	0.0124	51.0062
GMP654	0.0131	0.0126	51.0062
GMP655N	0.0140	0.0132	51.0062
GMP656	0.0135	0.0129	51.0062
GMP657	0.0136	0.0130	51.0062
GMP658N	0.0135	0.0128	51.0062
GMP659N	0.0132	0.0126	51.0062
GMP660N	0.0129	0.0123	51.0062
GMP661N	0.0124	0.0118	51.0062
GMP662	0.0116	0.0111	51.0062
GMP663N	0.0109	0.0104	51.0062
GMP664	0.0099	0.0095	51.0063
GMP665N	0.0087	0.0083	51.0065
GMP666N	0.0071	0.0070	51.0065
GMP667	0.0000	0.0000	51.0065
GMP668	0.0000	0.0000	51.0065
GMP669	0.0000	0.0000	51.0065
GMP670	0.0000	0.0000	65.3138
GMP671	0.0000	0.0000	65.3138
GMP672	0.0000	0.0000	65.3138
GMP673N	0.0072	0.0069	65.3139
GMP674	0.0080	0.0077	65.3138
GMP675N	0.0093	0.0088	65.3136
GMP676N	0.0103	0.0095	65.3131
GMP677N	0.0101	0.0096	65.3133
GMP678	0.0105	0.0097	65.3132
GMP679	0.0098	0.0093	65.3135
GMP680N	0.0104	0.0091	65.3137
GMP681	0.0080	0.0077	65.3139
GMP682N	0.0078	0.0071	65.3141
GMP683	0.0000	0.0000	65.3141
GMP684	0.0000	0.0000	65.3142
GMP685	0.0000	0.0000	65.3142
GMP688	0.0000	0.0000	70.9990
GMP689	0.0000	0.0000	70.9990
GMP690	0.0000	0.0000	70.9990
GMP691N	0.0070	0.0066	70.9990
GMP692	0.0074	0.0069	70.9989
GMP693	0.0072	0.0069	70.9989
GMP694N	0.0073	0.0069	70.9989
GMP695	0.0000	0.0000	70.9989
GMP696	0.0000	0.0000	70.9989
GMP697	0.0000	0.0000	70.9989
GMP700	0.0000	0.0000	52.0907
GMP701	0.0000	0.0000	52.0907
GMP702	0.0000	0.0000	52.0907
GMP703N	0.0075	0.0070	52.0907
GMP704	0.0082	0.0078	52.0908
GMP705N	0.0105	0.0096	52.0910
GMP706	0.0101	0.0098	52.0911
GMP707	0.0106	0.0103	52.0911
GMP708	0.0105	0.0102	52.0911
GMP709	0.0104	0.0102	52.0910
GMP710	0.0101	0.0099	52.0911
GMP711N	0.0097	0.0095	52.0911
GMP712	0.0090	0.0088	52.0912
GMP713	0.0079	0.0077	52.0912
GMP714N	0.0069	0.0068	52.0912
GMP715	0.0000	0.0000	52.0912

GMP716	0.0000	0.0000	52.0912
GMP717	0.0000	0.0000	52.0912
GMP720	0.0000	0.0000	44.8657
GMP721	0.0000	0.0000	44.8657
GMP722	0.0000	0.0000	44.8655
GMP723N	0.0072	0.0071	44.8655
GMP724	0.0082	0.0081	44.8655
GMP725N	0.0098	0.0095	44.8655
GMP726	0.0108	0.0105	44.8655
GMP727	0.0119	0.0115	44.8655
GMP728N	0.0133	0.0124	44.8656
GMP729N	0.0139	0.0131	44.8656
GMP730N	0.0145	0.0137	44.8656
GMP731N	0.0152	0.0144	44.8655
GMP732N	0.0157	0.0148	44.8654
GMP733N	0.0160	0.0151	44.8655
GMP734N	0.0164	0.0155	44.8654
GMP735N	0.0166	0.0157	44.8653
GMP736	0.0172	0.0161	44.8648
GMP737N	0.0172	0.0161	44.8649
GMP738N	0.0171	0.0161	44.8649
GMP739	0.0179	0.0168	44.8649
GMP740N	0.0173	0.0164	44.8648
GMP741N	0.0173	0.0163	44.8648
GMP742N	0.0173	0.0162	44.8648
GMP743N	0.0177	0.0165	44.8648
GMP744N	0.0169	0.0157	44.8648
GMP745N	0.0170	0.0157	44.8649
GMP746N	0.0166	0.0153	44.8649
GMP747N	0.0166	0.0152	44.8650
GMP748N	0.0160	0.0146	44.8649
GMP749N	0.0161	0.0146	44.8648
GMP750N	0.0147	0.0133	44.8645
GMP751N	0.0138	0.0123	44.8645
GMP752N	0.0129	0.0114	44.8646
GMP753N	0.0122	0.0105	44.8645
GMP754N	0.0104	0.0089	44.8645
GMP758N	0.0084	0.0076	44.8646
GMP759	0.0000	0.0000	44.8646
GMP760	0.0000	0.0000	44.8647
GMP766	0.0000	0.0000	46.6301
GMP767	0.0000	0.0000	46.6301
GMP768	0.0000	0.0000	46.6300
GMP769N	0.0085	0.0078	46.6300
GMP770	0.0089	0.0084	46.6299
GMP771N	0.0106	0.0098	46.6299
GMP772	0.0111	0.0105	46.6299
GMP773N	0.0119	0.0112	46.6299
GMP774N	0.0123	0.0117	46.6299
GMP775	0.0127	0.0121	46.6299
GMP776	0.0129	0.0123	46.6299
GMP777	0.0131	0.0125	46.6299
GMP778	0.0131	0.0125	46.6299
GMP779N	0.0135	0.0127	46.6298
GMP780N	0.0129	0.0124	46.6298
GMP781N	0.0128	0.0122	46.6298
GMP782	0.0121	0.0117	46.6298
GMP783N	0.0116	0.0112	46.6298
GMP784N	0.0108	0.0105	46.6298
GMP785N	0.0104	0.0098	46.6298
GMP786N	0.0085	0.0083	46.6298
GMP787N	0.0078	0.0075	46.6298
GMP788	0.0000	0.0000	46.6295
GMP789	0.0000	0.0000	46.6295
GMP790	0.0000	0.0000	46.6294
GMP796	0.0000	0.0000	94.7607
GMP797	0.0000	0.0000	94.7609
GMP798	0.0000	0.0000	94.7611
GMP799N	0.0070	0.0068	94.7611
GMP800	0.0000	0.0000	94.7611
GMP801	0.0000	0.0000	94.7611
GMP802	0.0000	0.0000	94.7609

Absolute Error Ellipses (Confidence Levels: 2D - 39.4% 1D - 68.3%)

Station	Semi major (a) [m]	Semi minor (b) [m]	SD Height [m]	Orientation (φ) [°]
GMP630	0.0000	0.0000	115.8967	0
GMP631	0.0000	0.0000	115.8967	0
GMP632	0.0000	0.0000	115.8967	90
GMP633N	0.0063	0.0059	115.8969	-16
GMP634	0.0000	0.0000	115.8968	0
GMP635	0.0000	0.0000	115.8967	90
GMP636	0.0000	0.0000	115.8967	45
GMP644	0.0000	0.0000	51.0062	0
GMP645	0.0000	0.0000	51.0062	0
GMP646	0.0000	0.0000	51.0063	0
GMP647N	0.0084	0.0074	51.0066	11
GMP648	0.0087	0.0082	51.0063	12
GMP649N	0.0107	0.0098	51.0065	12
GMP650	0.0111	0.0105	51.0061	12
GMP651N	0.0123	0.0116	51.0061	10
GMP652	0.0124	0.0118	51.0061	10
GMP653	0.0130	0.0123	51.0062	10
GMP654	0.0131	0.0126	51.0062	11
GMP655N	0.0140	0.0132	51.0062	13
GMP656	0.0135	0.0129	51.0062	9
GMP657	0.0137	0.0130	51.0062	11
GMP658N	0.0135	0.0128	51.0062	10
GMP659N	0.0132	0.0126	51.0062	7
GMP660N	0.0129	0.0123	51.0062	6
GMP661N	0.0124	0.0118	51.0062	5
GMP662	0.0116	0.0111	51.0062	9
GMP663N	0.0110	0.0104	51.0062	10
GMP664	0.0099	0.0095	51.0063	10
GMP665N	0.0087	0.0083	51.0065	12
GMP666N	0.0071	0.0070	51.0065	11
GMP667	0.0000	0.0000	51.0065	0
GMP668	0.0000	0.0000	51.0065	90
GMP669	0.0000	0.0000	51.0065	90
GMP670	0.0000	0.0000	65.3138	0
GMP671	0.0000	0.0000	65.3138	0
GMP672	0.0000	0.0000	65.3138	0
GMP673N	0.0072	0.0069	65.3139	-4
GMP674	0.0080	0.0077	65.3138	-13
GMP675N	0.0093	0.0088	65.3136	-17
GMP676N	0.0103	0.0095	65.3131	-16
GMP677N	0.0101	0.0095	65.3133	-8
GMP678	0.0105	0.0097	65.3132	-3
GMP679	0.0098	0.0093	65.3135	2
GMP680N	0.0104	0.0091	65.3137	3
GMP681	0.0080	0.0077	65.3139	10
GMP682N	0.0078	0.0071	65.3141	16
GMP683	0.0000	0.0000	65.3141	-90
GMP684	0.0000	0.0000	65.3142	0
GMP685	0.0000	0.0000	65.3142	0
GMP688	0.0000	0.0000	70.9990	-90
GMP689	0.0000	0.0000	70.9990	90
GMP690	0.0000	0.0000	70.9990	90
GMP691N	0.0070	0.0066	70.9990	3
GMP692	0.0074	0.0069	70.9989	2
GMP693	0.0072	0.0069	70.9989	-16
GMP694N	0.0074	0.0068	70.9989	-19
GMP695	0.0000	0.0000	70.9989	0
GMP696	0.0000	0.0000	70.9989	45
GMP697	0.0000	0.0000	70.9989	-45
GMP700	0.0000	0.0000	52.0907	0
GMP701	0.0000	0.0000	52.0907	0
GMP702	0.0000	0.0000	52.0907	-90
GMP703N	0.0075	0.0070	52.0907	-10
GMP704	0.0082	0.0078	52.0908	-11
GMP705N	0.0106	0.0095	52.0910	16
GMP706	0.0101	0.0097	52.0911	17
GMP707	0.0106	0.0102	52.0911	12
GMP708	0.0105	0.0102	52.0911	7
GMP709	0.0104	0.0102	52.0910	0

GMP710	0.0101	0.0099	52.0911	-2
GMP711N	0.0097	0.0095	52.0911	-3
GMP712	0.0090	0.0088	52.0912	-2
GMP713	0.0079	0.0077	52.0912	-12
GMP714N	0.0069	0.0068	52.0912	27
GMP715	0.0000	0.0000	52.0912	90
GMP716	0.0000	0.0000	52.0912	-90
GMP717	0.0000	0.0000	52.0912	0
GMP720	0.0000	0.0000	44.8657	0
GMP721	0.0000	0.0000	44.8657	-45
GMP722	0.0000	0.0000	44.8655	45
GMP723N	0.0073	0.0070	44.8655	-23
GMP724	0.0082	0.0081	44.8655	-21
GMP725N	0.0098	0.0095	44.8655	-18
GMP726	0.0108	0.0105	44.8655	-14
GMP727	0.0119	0.0115	44.8655	-9
GMP728N	0.0133	0.0124	44.8656	4
GMP729N	0.0139	0.0131	44.8656	3
GMP730N	0.0145	0.0137	44.8656	2
GMP731N	0.0152	0.0144	44.8655	1
GMP732N	0.0157	0.0148	44.8654	3
GMP733N	0.0160	0.0151	44.8655	2
GMP734N	0.0164	0.0155	44.8654	0
GMP735N	0.0166	0.0157	44.8653	0
GMP736	0.0172	0.0161	44.8648	-1
GMP737N	0.0172	0.0161	44.8649	2
GMP738N	0.0171	0.0161	44.8649	7
GMP739	0.0179	0.0168	44.8649	3
GMP740N	0.0173	0.0164	44.8648	7
GMP741N	0.0174	0.0163	44.8648	9
GMP742N	0.0173	0.0162	44.8648	8
GMP743N	0.0177	0.0165	44.8648	9
GMP744N	0.0170	0.0157	44.8648	10
GMP745N	0.0170	0.0157	44.8649	8
GMP746N	0.0167	0.0153	44.8649	9
GMP747N	0.0166	0.0151	44.8650	8
GMP748N	0.0160	0.0145	44.8649	9
GMP749N	0.0161	0.0145	44.8648	11
GMP750N	0.0147	0.0133	44.8645	2
GMP751N	0.0138	0.0123	44.8645	3
GMP752N	0.0129	0.0114	44.8646	1
GMP753N	0.0122	0.0105	44.8645	3
GMP754N	0.0104	0.0089	44.8645	4
GMP758N	0.0084	0.0075	44.8646	15
GMP759	0.0000	0.0000	44.8646	0
GMP760	0.0000	0.0000	44.8647	0
GMP766	0.0000	0.0000	46.6301	90
GMP767	0.0000	0.0000	46.6301	0
GMP768	0.0000	0.0000	46.6300	0
GMP769N	0.0085	0.0078	46.6300	-12
GMP770	0.0089	0.0084	46.6299	-12
GMP771N	0.0106	0.0098	46.6299	-11
GMP772	0.0111	0.0105	46.6299	-8
GMP773N	0.0119	0.0112	46.6299	-8
GMP774N	0.0123	0.0116	46.6299	-7
GMP775	0.0127	0.0121	46.6299	-7
GMP776	0.0129	0.0123	46.6299	-5
GMP777	0.0131	0.0125	46.6299	-3
GMP778	0.0131	0.0125	46.6299	-3
GMP779N	0.0135	0.0127	46.6298	2
GMP780N	0.0129	0.0124	46.6298	-2
GMP781N	0.0128	0.0122	46.6298	-3
GMP782	0.0121	0.0117	46.6298	-2
GMP783N	0.0116	0.0112	46.6298	-1
GMP784N	0.0108	0.0105	46.6298	-3
GMP785N	0.0104	0.0098	46.6298	-2
GMP786N	0.0085	0.0083	46.6298	-8
GMP787N	0.0078	0.0075	46.6298	-12
GMP788	0.0000	0.0000	46.6295	45
GMP789	0.0000	0.0000	46.6295	0
GMP790	0.0000	0.0000	46.6294	0
GMP796	0.0000	0.0000	94.7607	0

GMP798	0.0000	0.0000	94.7611	-90
GMP799N	0.0070	0.0068	94.7611	-15
GMP800	0.0000	0.0000	94.7611	-90
GMP801	0.0000	0.0000	94.7611	90
GMP802	0.0000	0.0000	94.7609	0

Relative Error Ellipses (Confidence Levels: 2D - 39.4% 1D - 68.3%)

From	To	Semi major (a) [m]	Semi minor (b) [m]	SD Height [m]	Orientation (ψ) [°]
GMP631	GMP633N	0.0063	0.0059	0.0114	-20
GMP632	GMP633N	0.0063	0.0059	0.0098	-29
GMP633N	GMP635	0.0063	0.0059	0.0107	-25
GMP633N	GMP634	0.0063	0.0059	0.0092	-5
GMP645	GMP647N	0.0084	0.0074	0.0125	8
GMP646	GMP647N	0.0084	0.0074	0.0115	-7
GMP646	GMP648	0.0087	0.0082	0.0105	5
GMP647N	GMP648	0.0087	0.0080	0.0117	18
GMP647N	GMP649N	0.0093	0.0087	0.0123	6
GMP648	GMP650	0.0089	0.0086	0.0109	8
GMP648	GMP649N	0.0091	0.0083	0.0129	-3
GMP649N	GMP651N	0.0108	0.0099	0.0163	6
GMP649N	GMP650	0.0094	0.0086	0.0141	19
GMP650	GMP652	0.0085	0.0083	0.0099	-9
GMP650	GMP651N	0.0082	0.0080	0.0097	-20
GMP651N	GMP652	0.0078	0.0076	0.0098	-6
GMP651N	GMP653	0.0084	0.0083	0.0096	-7
GMP652	GMP653	0.0077	0.0076	0.0084	-31
GMP652	GMP654	0.0084	0.0083	0.0094	-2
GMP653	GMP655N	0.0100	0.0092	0.0134	9
GMP653	GMP654	0.0079	0.0078	0.0087	26
GMP654	GMP655N	0.0094	0.0085	0.0123	6
GMP654	GMP656	0.0091	0.0086	0.0105	6
GMP655N	GMP657	0.0100	0.0093	0.0137	10
GMP655N	GMP656	0.0092	0.0085	0.0124	28
GMP656	GMP658N	0.0087	0.0084	0.0101	7
GMP656	GMP657	0.0081	0.0078	0.0093	-3
GMP657	GMP658N	0.0081	0.0077	0.0094	22
GMP657	GMP659N	0.0093	0.0086	0.0123	13
GMP658N	GMP659N	0.0088	0.0080	0.0116	1
GMP658N	GMP660N	0.0096	0.0087	0.0130	7
GMP659N	GMP661N	0.0089	0.0085	0.0108	-11
GMP659N	GMP660N	0.0085	0.0080	0.0110	1
GMP660N	GMP661N	0.0085	0.0080	0.0109	-18
GMP660N	GMP662	0.0090	0.0086	0.0118	-9
GMP661N	GMP663N	0.0091	0.0086	0.0118	-13
GMP661N	GMP662	0.0083	0.0079	0.0107	-3
GMP662	GMP663N	0.0080	0.0077	0.0092	-22
GMP662	GMP664	0.0085	0.0083	0.0097	-1
GMP663N	GMP664	0.0080	0.0077	0.0092	13
GMP663N	GMP665N	0.0093	0.0085	0.0118	4
GMP664	GMP665N	0.0084	0.0078	0.0106	-8
GMP664	GMP666N	0.0087	0.0083	0.0104	2
GMP665N	GMP666N	0.0081	0.0078	0.0103	11
GMP665N	GMP667	0.0087	0.0083	0.0116	-1
GMP666N	GMP668	0.0071	0.0070	0.0093	9
GMP666N	GMP667	0.0071	0.0070	0.0088	-19
GMP671	GMP673N	0.0072	0.0069	0.0110	-9
GMP672	GMP673N	0.0072	0.0069	0.0100	-18
GMP672	GMP674	0.0080	0.0077	0.0102	-20
GMP673N	GMP674	0.0078	0.0075	0.0093	-11
GMP673N	GMP675N	0.0087	0.0081	0.0110	-30
GMP674	GMP676N	0.0096	0.0084	0.0136	-34
GMP674	GMP675N	0.0082	0.0076	0.0099	-42
GMP675N	GMP677N	0.0087	0.0081	0.0111	-30
GMP675N	GMP676N	0.0091	0.0079	0.0118	-28
GMP676N	GMP678	0.0086	0.0082	0.0104	-3
GMP676N	GMP677N	0.0081	0.0077	0.0095	-21
GMP677N	GMP679	0.0082	0.0080	0.0103	-16
GMP677N	GMP678	0.0078	0.0076	0.0092	7
GMP678	GMP680N	0.0098	0.0084	0.0138	-6
GMP678	GMP679	0.0081	0.0076	0.0108	-40
GMP679	GMP680N	0.0092	0.0080	0.0123	14

GMP679	GMP681	0.0085	0.0081	0.0111	0
GMP680N	GMP682N	0.0101	0.0085	0.0137	-1
GMP680N	GMP681	0.0091	0.0079	0.0122	-30
GMP681	GMP683	0.0080	0.0077	0.0099	5
GMP681	GMP682N	0.0083	0.0077	0.0100	21
GMP682N	GMP684	0.0078	0.0071	0.0115	13
GMP682N	GMP683	0.0078	0.0071	0.0102	-6
GMP689	GMP691N	0.0070	0.0066	0.0114	-1
GMP690	GMP691N	0.0070	0.0066	0.0101	-19
GMP690	GMP692	0.0074	0.0069	0.0100	-14
GMP691N	GMP692	0.0084	0.0075	0.0089	-4
GMP691N	GMP693	0.0082	0.0075	0.0099	-10
GMP692	GMP694N	0.0083	0.0078	0.0123	-28
GMP692	GMP693	0.0075	0.0074	0.0090	-2
GMP693	GMP695	0.0072	0.0069	0.0107	-43
GMP693	GMP694N	0.0083	0.0077	0.0119	-57
GMP694N	GMP695	0.0074	0.0068	0.0122	-35
GMP694N	GMP696	0.0074	0.0068	0.0131	-55
GMP701	GMP703N	0.0075	0.0070	0.0104	-57
GMP702	GMP703N	0.0075	0.0070	0.0095	-42
GMP702	GMP704	0.0082	0.0078	0.0098	-49
GMP703N	GMP704	0.0082	0.0077	0.0095	-42
GMP703N	GMP705N	0.0103	0.0088	0.0140	-12
GMP704	GMP706	0.0090	0.0082	0.0112	-2
GMP704	GMP705N	0.0096	0.0081	0.0125	-7
GMP705N	GMP706	0.0094	0.0080	0.0122	3
GMP705N	GMP707	0.0099	0.0086	0.0134	-2
GMP706	GMP708	0.0083	0.0080	0.0095	2
GMP706	GMP707	0.0080	0.0077	0.0092	-15
GMP707	GMP708	0.0077	0.0075	0.0083	19
GMP707	GMP709	0.0081	0.0080	0.0090	4
GMP708	GMP709	0.0075	0.0074	0.0080	-21
GMP708	GMP710	0.0081	0.0080	0.0088	7
GMP709	GMP710	0.0075	0.0074	0.0079	22
GMP709	GMP711N	0.0082	0.0080	0.0090	6
GMP710	GMP711N	0.0076	0.0074	0.0081	-9
GMP710	GMP712	0.0081	0.0080	0.0089	1
GMP711N	GMP712	0.0076	0.0075	0.0083	9
GMP711N	GMP713	0.0082	0.0080	0.0093	-1
GMP712	GMP713	0.0075	0.0074	0.0081	-15
GMP712	GMP714N	0.0082	0.0080	0.0090	-2
GMP713	GMP714N	0.0077	0.0074	0.0081	1
GMP713	GMP715	0.0079	0.0077	0.0090	-13
GMP714N	GMP716	0.0069	0.0068	0.0090	43
GMP714N	GMP715	0.0069	0.0068	0.0082	18
GMP721	GMP723N	0.0073	0.0070	0.0128	16
GMP722	GMP723N	0.0073	0.0070	0.0090	-4
GMP722	GMP724	0.0082	0.0081	0.0095	12
GMP723N	GMP725N	0.0085	0.0083	0.0091	22
GMP723N	GMP724	0.0076	0.0075	0.0081	37
GMP724	GMP725N	0.0077	0.0075	0.0082	5
GMP724	GMP726	0.0085	0.0083	0.0092	11
GMP725N	GMP726	0.0079	0.0076	0.0087	15
GMP725N	GMP727	0.0088	0.0084	0.0107	25
GMP726	GMP727	0.0082	0.0077	0.0117	43
GMP726	GMP728N	0.0099	0.0087	0.0140	54
GMP727	GMP728N	0.0092	0.0080	0.0145	70
GMP727	GMP729N	0.0097	0.0087	0.0130	52
GMP728N	GMP729N	0.0092	0.0081	0.0124	43
GMP728N	GMP730N	0.0093	0.0086	0.0110	47
GMP729N	GMP731N	0.0093	0.0089	0.0121	36
GMP729N	GMP730N	0.0088	0.0081	0.0119	46
GMP730N	GMP731N	0.0096	0.0088	0.0138	32
GMP730N	GMP732N	0.0103	0.0095	0.0157	38
GMP731N	GMP733N	0.0093	0.0088	0.0129	32
GMP731N	GMP732N	0.0089	0.0084	0.0131	39
GMP732N	GMP734N	0.0088	0.0085	0.0112	27
GMP732N	GMP733N	0.0083	0.0079	0.0129	25
GMP733N	GMP734N	0.0081	0.0078	0.0113	35
GMP733N	GMP735N	0.0090	0.0086	0.0132	10
GMP734N	GMP735N	0.0084	0.0079	0.0120	5
GMP734N	GMP736	0.0101	0.0091	0.0173	20

GMP735N	GMP737N	0.0094	0.0089	0.0144	44
GMP736	GMP737N	0.0089	0.0084	0.0130	40
GMP736	GMP738N	0.0097	0.0092	0.0138	64
GMP737N	GMP739	0.0090	0.0087	0.0113	58
GMP737N	GMP738N	0.0082	0.0080	0.0101	67
GMP738N	GMP741N	0.0095	0.0090	0.0155	36
GMP738N	GMP740N	0.0084	0.0080	0.0126	26
GMP739	GMP740N	0.0092	0.0088	0.0124	18
GMP739	GMP738N	0.0083	0.0081	0.0114	58
GMP740N	GMP741N	0.0084	0.0080	0.0130	80
GMP740N	GMP742N	0.0089	0.0086	0.0122	24
GMP741N	GMP744N	0.0090	0.0086	0.0169	33
GMP741N	GMP742N	0.0082	0.0079	0.0150	-12
GMP742N	GMP743N	0.0087	0.0085	0.0099	40
GMP742N	GMP744N	0.0079	0.0077	0.0098	61
GMP743N	GMP745N	0.0088	0.0086	0.0100	35
GMP743N	GMP744N	0.0079	0.0077	0.0089	-61
GMP744N	GMP745N	0.0078	0.0076	0.0087	6
GMP744N	GMP746N	0.0086	0.0083	0.0096	13
GMP745N	GMP746N	0.0080	0.0077	0.0089	28
GMP745N	GMP747N	0.0093	0.0086	0.0107	8
GMP746N	GMP748N	0.0089	0.0085	0.0100	14
GMP746N	GMP747N	0.0084	0.0078	0.0096	-7
GMP747N	GMP748N	0.0085	0.0080	0.0100	37
GMP747N	GMP749N	0.0111	0.0099	0.0180	34
GMP748N	GMP749N	0.0104	0.0092	0.0172	25
GMP748N	GMP750N	0.0106	0.0094	0.0156	34
GMP749N	GMP750N	0.0111	0.0096	0.0183	54
GMP749N	GMP751N	0.0118	0.0103	0.0198	42
GMP750N	GMP752N	0.0104	0.0093	0.0147	9
GMP750N	GMP751N	0.0096	0.0087	0.0135	1
GMP751N	GMP752N	0.0088	0.0082	0.0116	16
GMP751N	GMP753N	0.0095	0.0090	0.0126	8
GMP752N	GMP754N	0.0097	0.0091	0.0134	7
GMP752N	GMP753N	0.0089	0.0083	0.0120	-29
GMP753N	GMP758N	0.0112	0.0094	0.0154	22
GMP753N	GMP754N	0.0091	0.0084	0.0130	35
GMP754N	GMP759	0.0104	0.0089	0.0143	23
GMP754N	GMP758N	0.0101	0.0084	0.0136	21
GMP758N	GMP759	0.0084	0.0075	0.0126	43
GMP758N	GMP760	0.0084	0.0075	0.0131	30
GMP767	GMP769N	0.0085	0.0078	0.0169	4
GMP768	GMP770	0.0089	0.0084	0.0131	5
GMP768	GMP769N	0.0085	0.0078	0.0149	9
GMP769N	GMP770	0.0088	0.0081	0.0138	-15
GMP769N	GMP771N	0.0093	0.0086	0.0136	-2
GMP770	GMP771N	0.0092	0.0081	0.0119	16
GMP770	GMP772	0.0091	0.0084	0.0108	8
GMP771N	GMP773N	0.0093	0.0085	0.0111	12
GMP771N	GMP772	0.0090	0.0080	0.0110	-1
GMP772	GMP773N	0.0085	0.0079	0.0105	25
GMP772	GMP774N	0.0088	0.0084	0.0101	14
GMP773N	GMP775	0.0094	0.0086	0.0118	8
GMP773N	GMP774N	0.0087	0.0079	0.0107	5
GMP774N	GMP776	0.0086	0.0083	0.0096	4
GMP774N	GMP775	0.0080	0.0077	0.0089	25
GMP775	GMP776	0.0078	0.0076	0.0085	-9
GMP775	GMP777	0.0085	0.0082	0.0093	16
GMP776	GMP777	0.0078	0.0076	0.0085	43
GMP776	GMP778	0.0085	0.0083	0.0099	29
GMP777	GMP778	0.0081	0.0078	0.0094	3
GMP777	GMP779N	0.0097	0.0089	0.0137	29
GMP778	GMP779N	0.0092	0.0084	0.0125	31
GMP778	GMP780N	0.0090	0.0086	0.0107	27
GMP779N	GMP781N	0.0095	0.0089	0.0128	25
GMP779N	GMP780N	0.0092	0.0084	0.0124	23
GMP780N	GMP782	0.0087	0.0085	0.0111	7
GMP780N	GMP781N	0.0085	0.0081	0.0120	24
GMP781N	GMP782	0.0085	0.0081	0.0120	-3
GMP781N	GMP783N	0.0089	0.0086	0.0125	10
GMP782	GMP784N	0.0086	0.0084	0.0110	19
GMP782	GMP783N	0.0079	0.0077	0.0097	22

GMP783N	GMP785N	0.0091	0.0086	0.0115	20
GMP783N	GMP784N	0.0081	0.0078	0.0098	9
GMP784N	GMP785N	0.0085	0.0080	0.0109	29
GMP784N	GMP786N	0.0088	0.0085	0.0108	25
GMP785N	GMP787N	0.0095	0.0089	0.0136	24
GMP785N	GMP786N	0.0087	0.0081	0.0115	24
GMP786N	GMP788	0.0085	0.0083	0.0125	28
GMP786N	GMP787N	0.0084	0.0081	0.0128	21
GMP787N	GMP789	0.0078	0.0075	0.0151	11
GMP787N	GMP788	0.0078	0.0075	0.0136	31
GMP798	GMP799N	0.0070	0.0068	0.0130	3
GMP799N	GMP800	0.0070	0.0068	0.0091	23
GMP799N	GMP801	0.0070	0.0068	0.0105	10

External Reliability

Station	Component	Ext. Rel. [m]	Observation Type	Station	Target
GMP630	EW	0.0000	DY of Baseline	GMP630	GMP632
	NS	0.0000	DZ of Baseline	GMP630	GMP631
	Height	123.0145	DZ of Baseline	GMP630	GMP632
GMP631	EW	0.0000	DY of Baseline	GMP630	GMP631
	NS	0.0000	DZ of Baseline	GMP630	GMP631
	Height	123.0259	DZ of Baseline	GMP630	GMP632
GMP632	EW	0.0000	DY of Baseline	GMP632	GMP634
	NS	0.0000	DZ of Baseline	GMP632	GMP634
	Height	123.0340	DZ of Baseline	GMP630	GMP632
GMP633N	EW	-0.0094	DY of Baseline	GMP633N	GMP634
	NS	-0.0093	DZ of Baseline	GMP633N	GMP635
	Height	123.0317	DZ of Baseline	GMP630	GMP632
GMP634	EW	0.0000	DY of Baseline	GMP634	GMP636
	NS	0.0000	DZ of Baseline	GMP632	GMP634
	Height	123.0327	DZ of Baseline	GMP630	GMP632
GMP635	EW	0.0000	DY of Baseline	GMP634	GMP635
	NS	0.0000	DZ of Baseline	GMP635	GMP636
	Height	123.0323	DZ of Baseline	GMP630	GMP632
GMP636	EW	0.0000	DY of Baseline	GMP634	GMP636
	NS	0.0000	DZ of Baseline	GMP635	GMP636
	Height	123.0324	DZ of Baseline	GMP630	GMP632
GMP644	EW	0.0000	DY of Baseline	GMP644	GMP646
	NS	0.0000	DZ of Baseline	GMP644	GMP645
	Height	-45.5764	DX of Baseline	GMP648	GMP650
GMP645	EW	0.0000	DY of Baseline	GMP644	GMP645
	NS	0.0000	DZ of Baseline	GMP644	GMP645
	Height	-45.5759	DX of Baseline	GMP648	GMP650
GMP646	EW	0.0000	DY of Baseline	GMP644	GMP646
	NS	0.0000	DZ of Baseline	GMP644	GMP646
	Height	-45.5768	DX of Baseline	GMP648	GMP650
GMP647N	EW	0.0149	DY of Baseline	GMP645	GMP647N
	NS	0.0142	DZ of Baseline	GMP645	GMP647N
	Height	-45.5737	DX of Baseline	GMP648	GMP650
GMP648	EW	0.0230	DY of Baseline	GMP646	GMP648
	NS	0.0229	DZ of Baseline	GMP646	GMP648
	Height	-45.5793	DX of Baseline	GMP648	GMP650
GMP649N	EW	0.0204	DY of Baseline	GMP647N	GMP649N
	NS	-0.0191	DX of Baseline	GMP647N	GMP649N
	Height	-45.5668	DX of Baseline	GMP648	GMP650
GMP650	EW	0.0212	DY of Baseline	GMP648	GMP650
	NS	-0.0223	DX of Baseline	GMP648	GMP650
	Height	-45.5443	DX of Baseline	GMP648	GMP650
GMP651N	EW	0.0162	DY of Baseline	GMP648	GMP650
	NS	-0.0186	DX of Baseline	GMP648	GMP650
	Height	-45.5454	DX of Baseline	GMP648	GMP650
GMP652	EW	0.0171	DY of Baseline	GMP650	GMP652
	NS	-0.0183	DX of Baseline	GMP648	GMP650
	Height	-45.5449	DX of Baseline	GMP648	GMP650
GMP653	EW	0.0152	DY of Baseline	GMP648	GMP650
	NS	-0.0172	DX of Baseline	GMP648	GMP650
	Height	-45.5451	DX of Baseline	GMP648	GMP650
GMP654	EW	0.0145	DY of Baseline	GMP652	GMP654
	NS	-0.0161	DX of Baseline	GMP648	GMP650
	Height	-45.5450	DX of Baseline	GMP648	GMP650
	EW	0.0146	DY of Baseline	GMP653	GMP655N

GMP655N	NS	-0.0128	DX of Baseline	GMP648	GMP650
	Height	-45.5450	DX of Baseline	GMP648	GMP650
GMP656	EW	0.0150	DY of Baseline	GMP654	GMP656
	NS	0.0135	DZ of Baseline	GMP654	GMP656
	Height	-45.5450	DX of Baseline	GMP648	GMP650
GMP657	EW	-0.0134	DY of Baseline	GMP657	GMP659N
	NS	-0.0124	DZ of Baseline	GMP657	GMP659N
	Height	-45.5450	DX of Baseline	GMP648	GMP650
GMP658N	EW	-0.0139	DY of Baseline	GMP658N	GMP660N
	NS	-0.0133	DZ of Baseline	GMP658N	GMP660N
	Height	-45.5450	DX of Baseline	GMP648	GMP650
GMP659N	EW	-0.0155	DY of Baseline	GMP659N	GMP661N
	NS	-0.0143	DZ of Baseline	GMP659N	GMP661N
	Height	-45.5449	DX of Baseline	GMP648	GMP650
GMP660N	EW	-0.0165	DY of Baseline	GMP660N	GMP662
	NS	-0.0151	DZ of Baseline	GMP660N	GMP662
	Height	-45.5449	DX of Baseline	GMP648	GMP650
GMP661N	EW	-0.0162	DY of Baseline	GMP661N	GMP663N
	NS	-0.0142	DZ of Baseline	GMP661N	GMP663N
	Height	-45.5449	DX of Baseline	GMP648	GMP650
GMP662	EW	-0.0174	DY of Baseline	GMP662	GMP664
	NS	-0.0156	DZ of Baseline	GMP662	GMP664
	Height	-45.5450	DX of Baseline	GMP648	GMP650
GMP663N	EW	-0.0175	DY of Baseline	GMP663N	GMP665N
	NS	-0.0152	DZ of Baseline	GMP663N	GMP665N
	Height	-45.5450	DX of Baseline	GMP648	GMP650
GMP664	EW	-0.0192	DY of Baseline	GMP664	GMP666N
	NS	-0.0187	DZ of Baseline	GMP664	GMP666N
	Height	-45.5449	DX of Baseline	GMP648	GMP650
GMP665N	EW	-0.0204	DY of Baseline	GMP665N	GMP667
	NS	-0.0178	DZ of Baseline	GMP665N	GMP667
	Height	-45.5449	DX of Baseline	GMP648	GMP650
GMP666N	EW	-0.0144	DY of Baseline	GMP666N	GMP668
	NS	-0.0125	DZ of Baseline	GMP666N	GMP668
	Height	-45.5449	DX of Baseline	GMP648	GMP650
GMP667	EW	0.0000	DY of Baseline	GMP667	GMP669
	NS	0.0000	DZ of Baseline	GMP667	GMP669
	Height	-45.5449	DX of Baseline	GMP648	GMP650
GMP668	EW	0.0000	DY of Baseline	GMP668	GMP669
	NS	0.0000	DZ of Baseline	GMP668	GMP669
	Height	-45.5449	DX of Baseline	GMP648	GMP650
GMP669	EW	0.0000	DY of Baseline	GMP667	GMP669
	NS	0.0000	DZ of Baseline	GMP668	GMP669
	Height	-45.5449	DX of Baseline	GMP648	GMP650
GMP670	EW	0.0000	DY of Baseline	GMP670	GMP672
	NS	0.0000	DZ of Baseline	GMP670	GMP671
	Height	78.3263	DZ of Baseline	GMP679	GMP681
GMP671	EW	0.0000	DY of Baseline	GMP670	GMP671
	NS	0.0000	DZ of Baseline	GMP670	GMP671
	Height	78.3263	DZ of Baseline	GMP679	GMP681
GMP672	EW	0.0000	DY of Baseline	GMP670	GMP672
	NS	0.0000	DZ of Baseline	GMP670	GMP672
	Height	78.3263	DZ of Baseline	GMP679	GMP681
GMP673N	EW	0.0137	DY of Baseline	GMP671	GMP673N
	NS	0.0114	DZ of Baseline	GMP671	GMP673N
	Height	78.3262	DZ of Baseline	GMP679	GMP681
GMP674	EW	0.0191	DY of Baseline	GMP672	GMP674
	NS	0.0160	DZ of Baseline	GMP672	GMP674
	Height	78.3263	DZ of Baseline	GMP679	GMP681
GMP675N	EW	0.0156	DY of Baseline	GMP673N	GMP675N
	NS	0.0124	DZ of Baseline	GMP673N	GMP675N
	Height	78.3263	DZ of Baseline	GMP679	GMP681
GMP676N	EW	0.0148	DY of Baseline	GMP674	GMP676N
	NS	0.0126	DZ of Baseline	GMP674	GMP676N
	Height	78.3270	DZ of Baseline	GMP679	GMP681
GMP677N	EW	0.0137	DY of Baseline	GMP675N	GMP677N
	NS	-0.0139	DZ of Baseline	GMP679	GMP681
	Height	78.3263	DZ of Baseline	GMP679	GMP681
GMP678	EW	-0.0122	DY of Baseline	GMP678	GMP680N
	NS	-0.0148	DZ of Baseline	GMP679	GMP681
	Height	78.3280	DZ of Baseline	GMP679	GMP681
	EW	-0.0156	DY of Baseline	GMP679	GMP681

GMP679	NS	78.3239	DZ of Baseline	GMP679	GMP681
	Height				
GMP680N	EW	-0.0153	DY of Baseline	GMP680N	GMP682N
	NS	-0.0147	DZ of Baseline	GMP680N	GMP681
	Height	78.3427	DZ of Baseline	GMP679	GMP681
GMP681	EW	-0.0193	DY of Baseline	GMP681	GMP683
	NS	-0.0194	DZ of Baseline	GMP681	GMP683
	Height	78.3600	DZ of Baseline	GMP679	GMP681
GMP682N	EW	-0.0137	DY of Baseline	GMP682N	GMP683
	NS	-0.0130	DZ of Baseline	GMP682N	GMP684
	Height	78.3571	DZ of Baseline	GMP679	GMP681
GMP683	EW	0.0000	DY of Baseline	GMP683	GMP685
	NS	0.0000	DZ of Baseline	GMP683	GMP685
	Height	78.3587	DZ of Baseline	GMP679	GMP681
GMP684	EW	0.0000	DY of Baseline	GMP684	GMP685
	NS	0.0000	DZ of Baseline	GMP684	GMP685
	Height	78.3583	DZ of Baseline	GMP679	GMP681
GMP685	EW	0.0000	DY of Baseline	GMP683	GMP685
	NS	0.0000	DZ of Baseline	GMP684	GMP685
	Height	78.3585	DZ of Baseline	GMP679	GMP681
GMP688	EW	0.0000	DY of Baseline	GMP688	GMP690
	NS	0.0000	DZ of Baseline	GMP688	GMP689
	Height	-93.2092	DX of Baseline	GMP693	GMP695
GMP689	EW	0.0000	DY of Baseline	GMP688	GMP689
	NS	0.0000	DZ of Baseline	GMP688	GMP689
	Height	-93.2093	DX of Baseline	GMP693	GMP695
GMP690	EW	0.0000	DY of Baseline	GMP688	GMP690
	NS	0.0000	DZ of Baseline	GMP688	GMP690
	Height	-93.2091	DX of Baseline	GMP693	GMP695
GMP691N	EW	0.0119	DY of Baseline	GMP689	GMP691N
	NS	0.0119	DZ of Baseline	GMP689	GMP691N
	Height	-93.2097	DX of Baseline	GMP693	GMP695
GMP692	EW	0.0141	DY of Baseline	GMP690	GMP692
	NS	0.0109	DZ of Baseline	GMP690	GMP692
	Height	-93.2086	DX of Baseline	GMP693	GMP695
GMP693	EW	-0.0145	DY of Baseline	GMP693	GMP695
	NS	-0.0162	DZ of Baseline	GMP693	GMP695
	Height	-93.2117	DX of Baseline	GMP693	GMP695
GMP694N	EW	-0.0128	DY of Baseline	GMP694N	GMP696
	NS	-0.0128	DZ of Baseline	GMP694N	GMP696
	Height	-93.1995	DX of Baseline	GMP693	GMP695
GMP695	EW	0.0000	DY of Baseline	GMP695	GMP697
	NS	0.0000	DZ of Baseline	GMP695	GMP697
	Height	-93.1857	DX of Baseline	GMP693	GMP695
GMP696	EW	0.0000	DY of Baseline	GMP696	GMP697
	NS	0.0000	DZ of Baseline	GMP696	GMP697
	Height	-93.1886	DX of Baseline	GMP693	GMP695
GMP697	EW	0.0000	DY of Baseline	GMP696	GMP697
	NS	0.0000	DZ of Baseline	GMP696	GMP697
	Height	-93.1872	DX of Baseline	GMP693	GMP695
GMP700	EW	0.0000	DY of Baseline	GMP700	GMP701
	NS	0.0000	DZ of Baseline	GMP700	GMP701
	Height	59.4386	DZ of Baseline	GMP704	GMP706
GMP701	EW	0.0000	DY of Baseline	GMP700	GMP701
	NS	0.0000	DZ of Baseline	GMP700	GMP701
	Height	59.4388	DZ of Baseline	GMP704	GMP706
GMP702	EW	0.0000	DY of Baseline	GMP700	GMP702
	NS	0.0000	DZ of Baseline	GMP700	GMP702
	Height	59.4385	DZ of Baseline	GMP704	GMP706
GMP703N	EW	0.0140	DY of Baseline	GMP701	GMP703N
	NS	0.0128	DZ of Baseline	GMP701	GMP703N
	Height	59.4397	DZ of Baseline	GMP704	GMP706
GMP704	EW	0.0196	DY of Baseline	GMP702	GMP704
	NS	0.0189	DZ of Baseline	GMP702	GMP704
	Height	59.4371	DZ of Baseline	GMP704	GMP706
GMP705N	EW	0.0157	DY of Baseline	GMP703N	GMP705N
	NS	0.0142	DZ of Baseline	GMP703N	GMP705N
	Height	59.4555	DZ of Baseline	GMP704	GMP706
GMP706	EW	0.0167	DY of Baseline	GMP704	GMP706
	NS	0.0182	DZ of Baseline	GMP704	GMP706
	Height	59.4718	DZ of Baseline	GMP704	GMP706
GMP707	EW	0.0127	DY of Baseline	GMP705N	GMP707
	NS	0.0131	DZ of Baseline	GMP704	GMP706

	Height	59.4691	DZ of Baseline	GMP704	GMP706
GMP708	EW	0.0124	DY of Baseline	GMP706	GMP708
	NS	0.0131	DZ of Baseline	GMP704	GMP706
	Height	59.4701	DZ of Baseline	GMP704	GMP706
GMP709	EW	-0.0126	DY of Baseline	GMP709	GMP711N
	NS	0.0112	DZ of Baseline	GMP704	GMP706
	Height	59.4697	DZ of Baseline	GMP704	GMP706
GMP710	EW	-0.0138	DY of Baseline	GMP710	GMP712
	NS	-0.0112	DZ of Baseline	GMP710	GMP712
	Height	59.4699	DZ of Baseline	GMP704	GMP706
GMP711N	EW	-0.0152	DY of Baseline	GMP711N	GMP713
	NS	-0.0120	DZ of Baseline	GMP711N	GMP713
	Height	59.4698	DZ of Baseline	GMP704	GMP706
GMP712	EW	-0.0157	DY of Baseline	GMP712	GMP714N
	NS	-0.0123	DZ of Baseline	GMP712	GMP714N
	Height	59.4698	DZ of Baseline	GMP704	GMP706
GMP713	EW	-0.0188	DY of Baseline	GMP713	GMP715
	NS	-0.0146	DZ of Baseline	GMP713	GMP715
	Height	59.4698	DZ of Baseline	GMP704	GMP706
GMP714N	EW	-0.0134	DY of Baseline	GMP714N	GMP715
	NS	-0.0115	DZ of Baseline	GMP714N	GMP716
	Height	59.4698	DZ of Baseline	GMP704	GMP706
GMP715	EW	0.0000	DY of Baseline	GMP715	GMP716
	NS	0.0000	DZ of Baseline	GMP715	GMP717
	Height	59.4698	DZ of Baseline	GMP704	GMP706
GMP716	EW	0.0000	DY of Baseline	GMP716	GMP717
	NS	0.0000	DZ of Baseline	GMP716	GMP717
	Height	59.4698	DZ of Baseline	GMP704	GMP706
GMP717	EW	0.0000	DY of Baseline	GMP716	GMP717
	NS	0.0000	DZ of Baseline	GMP716	GMP717
	Height	59.4698	DZ of Baseline	GMP704	GMP706
GMP720	EW	0.0000	DY of Baseline	GMP720	GMP722
	NS	0.0000	DZ of Baseline	GMP720	GMP722
	Height	-26.8659	DY of Baseline	GMP748N	GMP750N
GMP721	EW	0.0000	DY of Baseline	GMP720	GMP721
	NS	0.0000	DZ of Baseline	GMP721	GMP722
	Height	-26.8658	DY of Baseline	GMP748N	GMP750N
GMP722	EW	0.0000	DY of Baseline	GMP720	GMP722
	NS	0.0000	DZ of Baseline	GMP720	GMP722
	Height	-26.8658	DY of Baseline	GMP748N	GMP750N
GMP723N	EW	0.0151	DY of Baseline	GMP722	GMP723N
	NS	0.0122	DZ of Baseline	GMP722	GMP723N
	Height	-26.8658	DY of Baseline	GMP748N	GMP750N
GMP724	EW	0.0220	DY of Baseline	GMP722	GMP724
	NS	0.0175	DZ of Baseline	GMP722	GMP724
	Height	-26.8658	DY of Baseline	GMP748N	GMP750N
GMP725N	EW	0.0188	DY of Baseline	GMP723N	GMP725N
	NS	0.0144	DZ of Baseline	GMP723N	GMP725N
	Height	-26.8658	DY of Baseline	GMP748N	GMP750N
GMP726	EW	0.0198	DY of Baseline	GMP724	GMP726
	NS	0.0158	DZ of Baseline	GMP724	GMP726
	Height	-26.8658	DY of Baseline	GMP748N	GMP750N
GMP727	EW	0.0191	DY of Baseline	GMP725N	GMP727
	NS	0.0170	DZ of Baseline	GMP725N	GMP727
	Height	-26.8658	DY of Baseline	GMP748N	GMP750N
GMP728N	EW	0.0192	DY of Baseline	GMP726	GMP728N
	NS	0.0184	DZ of Baseline	GMP726	GMP728N
	Height	-26.8659	DY of Baseline	GMP748N	GMP750N
GMP729N	EW	0.0198	DY of Baseline	GMP727	GMP729N
	NS	0.0212	DZ of Baseline	GMP727	GMP729N
	Height	-26.8659	DY of Baseline	GMP748N	GMP750N
GMP730N	EW	0.0195	DY of Baseline	GMP728N	GMP730N
	NS	0.0181	DZ of Baseline	GMP728N	GMP730N
	Height	-26.8659	DY of Baseline	GMP748N	GMP750N
GMP731N	EW	0.0204	DY of Baseline	GMP729N	GMP731N
	NS	-0.0189	DX of Baseline	GMP729N	GMP731N
	Height	-26.8659	DY of Baseline	GMP748N	GMP750N
GMP732N	EW	0.0177	DY of Baseline	GMP730N	GMP732N
	NS	0.0160	DZ of Baseline	GMP730N	GMP732N
	Height	-26.8658	DY of Baseline	GMP748N	GMP750N
GMP733N	EW	0.0170	DY of Baseline	GMP731N	GMP733N
	NS	0.0158	DZ of Baseline	GMP731N	GMP733N

GMP734N	EW	0.0163	DY of Baseline	GMP732N	GMP734N
	NS	0.0150	DZ of Baseline	GMP727	GMP729N
	Height	-26.8658	DY of Baseline	GMP748N	GMP750N
GMP735N	EW	0.0157	DY of Baseline	GMP733N	GMP735N
	NS	0.0142	DZ of Baseline	GMP727	GMP729N
	Height	-26.8658	DY of Baseline	GMP748N	GMP750N
GMP736	EW	0.0157	DY of Baseline	GMP734N	GMP736
	NS	0.0152	DZ of Baseline	GMP734N	GMP736
	Height	-26.8659	DY of Baseline	GMP748N	GMP750N
GMP737N	EW	0.0169	DY of Baseline	GMP735N	GMP737N
	NS	0.0168	DZ of Baseline	GMP735N	GMP737N
	Height	-26.8659	DY of Baseline	GMP748N	GMP750N
GMP738N	EW	-0.0138	DY of Baseline	GMP748N	GMP750N
	NS	0.0126	DZ of Baseline	GMP727	GMP729N
	Height	-26.8659	DY of Baseline	GMP748N	GMP750N
GMP739	EW	0.0165	DY of Baseline	GMP737N	GMP739
	NS	0.0150	DZ of Baseline	GMP737N	GMP739
	Height	-26.8659	DY of Baseline	GMP748N	GMP750N
GMP740N	EW	-0.0152	DY of Baseline	GMP748N	GMP750N
	NS	0.0125	DX of Baseline	GMP748N	GMP750N
	Height	-26.8660	DY of Baseline	GMP748N	GMP750N
GMP741N	EW	-0.0160	DY of Baseline	GMP748N	GMP750N
	NS	-0.0132	DZ of Baseline	GMP741N	GMP744N
	Height	-26.8659	DY of Baseline	GMP748N	GMP750N
GMP742N	EW	-0.0163	DY of Baseline	GMP748N	GMP750N
	NS	0.0134	DX of Baseline	GMP748N	GMP750N
	Height	-26.8660	DY of Baseline	GMP748N	GMP750N
GMP743N	EW	-0.0171	DY of Baseline	GMP748N	GMP750N
	NS	0.0141	DX of Baseline	GMP748N	GMP750N
	Height	-26.8660	DY of Baseline	GMP748N	GMP750N
GMP744N	EW	-0.0174	DY of Baseline	GMP748N	GMP750N
	NS	0.0141	DX of Baseline	GMP748N	GMP750N
	Height	-26.8660	DY of Baseline	GMP748N	GMP750N
GMP745N	EW	-0.0179	DY of Baseline	GMP748N	GMP750N
	NS	0.0149	DX of Baseline	GMP748N	GMP750N
	Height	-26.8660	DY of Baseline	GMP748N	GMP750N
GMP746N	EW	-0.0192	DY of Baseline	GMP748N	GMP750N
	NS	0.0160	DX of Baseline	GMP748N	GMP750N
	Height	-26.8660	DY of Baseline	GMP748N	GMP750N
GMP747N	EW	-0.0179	DY of Baseline	GMP748N	GMP750N
	NS	0.0152	DX of Baseline	GMP748N	GMP750N
	Height	-26.8660	DY of Baseline	GMP748N	GMP750N
GMP748N	EW	-0.0231	DY of Baseline	GMP748N	GMP750N
	NS	0.0194	DX of Baseline	GMP748N	GMP750N
	Height	-26.8661	DY of Baseline	GMP748N	GMP750N
GMP749N	EW	-0.0215	DY of Baseline	GMP749N	GMP751N
	NS	-0.0197	DZ of Baseline	GMP749N	GMP751N
	Height	-26.8609	DY of Baseline	GMP748N	GMP750N
GMP750N	EW	-0.0197	DY of Baseline	GMP750N	GMP752N
	NS	-0.0163	DZ of Baseline	GMP750N	GMP752N
	Height	-26.8538	DY of Baseline	GMP748N	GMP750N
GMP751N	EW	-0.0206	DY of Baseline	GMP751N	GMP753N
	NS	-0.0165	DZ of Baseline	GMP754N	GMP759
	Height	-26.8538	DY of Baseline	GMP748N	GMP750N
GMP752N	EW	-0.0218	DY of Baseline	GMP752N	GMP754N
	NS	-0.0184	DZ of Baseline	GMP752N	GMP754N
	Height	-26.8538	DY of Baseline	GMP748N	GMP750N
GMP753N	EW	-0.0200	DY of Baseline	GMP753N	GMP758N
	NS	-0.0169	DZ of Baseline	GMP753N	GMP758N
	Height	-26.8538	DY of Baseline	GMP748N	GMP750N
GMP754N	EW	-0.0239	DY of Baseline	GMP754N	GMP759
	NS	-0.0222	DZ of Baseline	GMP754N	GMP759
	Height	-26.8538	DY of Baseline	GMP748N	GMP750N
GMP758N	EW	-0.0163	DY of Baseline	GMP758N	GMP760
	NS	-0.0169	DZ of Baseline	GMP758N	GMP760
	Height	-26.8540	DY of Baseline	GMP748N	GMP750N
GMP759	EW	0.0000	DY of Baseline	GMP759	GMP760
	NS	0.0000	DZ of Baseline	GMP759	GMP760
	Height	-26.8541	DY of Baseline	GMP748N	GMP750N
GMP760	EW	0.0000	DY of Baseline	GMP759	GMP760
	NS	0.0000	DZ of Baseline	GMP759	GMP760

	Height	26.8542	DY of Baseline	GMP748N	GMP750N
GMP766	EW	0.0000	DY of Baseline	GMP766	GMP767
	NS	0.0000	DZ of Baseline	GMP766	GMP767
	Height	34.0056	DZ of Baseline	GMP778	GMP780N
GMP767	EW	0.0000	DY of Baseline	GMP766	GMP767
	NS	0.0000	DZ of Baseline	GMP766	GMP767
	Height	34.0056	DZ of Baseline	GMP778	GMP780N
GMP768	EW	0.0000	DY of Baseline	GMP766	GMP768
	NS	0.0000	DZ of Baseline	GMP766	GMP768
	Height	34.0055	DZ of Baseline	GMP778	GMP780N
GMP769N	EW	0.0155	DY of Baseline	GMP768	GMP769N
	NS	0.0141	DZ of Baseline	GMP768	GMP769N
	Height	34.0056	DZ of Baseline	GMP778	GMP780N
GMP770	EW	0.0245	DY of Baseline	GMP768	GMP770
	NS	0.0226	DZ of Baseline	GMP768	GMP770
	Height	34.0055	DZ of Baseline	GMP778	GMP780N
GMP771N	EW	0.0193	DY of Baseline	GMP769N	GMP771N
	NS	0.0190	DZ of Baseline	GMP769N	GMP771N
	Height	34.0055	DZ of Baseline	GMP778	GMP780N
GMP772	EW	0.0200	DY of Baseline	GMP770	GMP772
	NS	0.0184	DZ of Baseline	GMP770	GMP772
	Height	34.0055	DZ of Baseline	GMP778	GMP780N
GMP773N	EW	0.0175	DY of Baseline	GMP771N	GMP773N
	NS	0.0151	DZ of Baseline	GMP768	GMP770
	Height	34.0055	DZ of Baseline	GMP778	GMP780N
GMP774N	EW	0.0171	DY of Baseline	GMP772	GMP774N
	NS	0.0143	DZ of Baseline	GMP772	GMP774N
	Height	34.0055	DZ of Baseline	GMP778	GMP780N
GMP775	EW	0.0149	DY of Baseline	GMP768	GMP770
	NS	0.0130	DZ of Baseline	GMP768	GMP770
	Height	34.0056	DZ of Baseline	GMP778	GMP780N
GMP776	EW	0.0143	DY of Baseline	GMP774N	GMP776
	NS	0.0122	DZ of Baseline	GMP768	GMP770
	Height	34.0052	DZ of Baseline	GMP778	GMP780N
GMP777	EW	0.0133	DY of Baseline	GMP775	GMP777
	NS	0.0114	DZ of Baseline	GMP768	GMP770
	Height	34.0063	DZ of Baseline	GMP778	GMP780N
GMP778	EW	-0.0140	DY of Baseline	GMP778	GMP780N
	NS	-0.0139	DZ of Baseline	GMP778	GMP780N
	Height	34.0031	DZ of Baseline	GMP778	GMP780N
GMP779N	EW	-0.0151	DY of Baseline	GMP779N	GMP781N
	NS	-0.0149	DZ of Baseline	GMP779N	GMP781N
	Height	34.0202	DZ of Baseline	GMP778	GMP780N
GMP780N	EW	-0.0159	DY of Baseline	GMP780N	GMP782
	NS	-0.0153	DZ of Baseline	GMP780N	GMP782
	Height	34.0370	DZ of Baseline	GMP778	GMP780N
GMP781N	EW	-0.0159	DY of Baseline	GMP781N	GMP783N
	NS	-0.0146	DZ of Baseline	GMP781N	GMP783N
	Height	34.0298	DZ of Baseline	GMP778	GMP780N
GMP782	EW	-0.0160	DY of Baseline	GMP782	GMP784N
	NS	-0.0144	DZ of Baseline	GMP786N	GMP788
	Height	34.0339	DZ of Baseline	GMP778	GMP780N
GMP783N	EW	-0.0166	DY of Baseline	GMP783N	GMP785N
	NS	-0.0150	DZ of Baseline	GMP786N	GMP788
	Height	34.0327	DZ of Baseline	GMP778	GMP780N
GMP784N	EW	-0.0196	DY of Baseline	GMP784N	GMP786N
	NS	-0.0183	DZ of Baseline	GMP784N	GMP786N
	Height	34.0332	DZ of Baseline	GMP778	GMP780N
GMP785N	EW	-0.0183	DY of Baseline	GMP785N	GMP787N
	NS	-0.0163	DZ of Baseline	GMP785N	GMP787N
	Height	34.0330	DZ of Baseline	GMP778	GMP780N
GMP786N	EW	-0.0233	DY of Baseline	GMP786N	GMP788
	NS	-0.0213	DZ of Baseline	GMP786N	GMP788
	Height	34.0331	DZ of Baseline	GMP778	GMP780N
GMP787N	EW	-0.0151	DY of Baseline	GMP787N	GMP788
	NS	-0.0140	DZ of Baseline	GMP787N	GMP789
	Height	34.0330	DZ of Baseline	GMP778	GMP780N
GMP788	EW	0.0000	DY of Baseline	GMP788	GMP789
	NS	0.0000	DZ of Baseline	GMP788	GMP790
	Height	34.0330	DZ of Baseline	GMP778	GMP780N
GMP789	EW	0.0000	DY of Baseline	GMP788	GMP789
	NS	0.0000	DZ of Baseline	GMP789	GMP790

GMP790	Height	34.0329	DZ of Baseline	GMP778	GMP780N
	EW	0.0000	DY of Baseline	GMP789	GMP790
	NS	0.0000	DZ of Baseline	GMP789	GMP790
	Height	34.0329	DZ of Baseline	GMP778	GMP780N
GMP796	EW	0.0000	DY of Baseline	GMP796	GMP797
	NS	0.0000	DZ of Baseline	GMP796	GMP797
	Height	157.4114	DZ of Baseline	GMP800	GMP802
GMP797	EW	0.0000	DY of Baseline	GMP796	GMP797
	NS	0.0000	DZ of Baseline	GMP796	GMP797
	Height	157.4119	DZ of Baseline	GMP800	GMP802
GMP798	EW	0.0000	DY of Baseline	GMP796	GMP798
	NS	0.0000	DZ of Baseline	GMP796	GMP798
	Height	157.4121	DZ of Baseline	GMP800	GMP802
GMP799N	EW	-0.0133	DY of Baseline	GMP799N	GMP800
	NS	0.0119	DZ of Baseline	GMP798	GMP799N
	Height	157.4135	DZ of Baseline	GMP800	GMP802
GMP800	EW	0.0000	DY of Baseline	GMP800	GMP802
	NS	0.0000	DZ of Baseline	GMP798	GMP800
	Height	157.4108	DZ of Baseline	GMP800	GMP802
GMP801	EW	0.0000	DY of Baseline	GMP800	GMP801
	NS	0.0000	DZ of Baseline	GMP801	GMP802
	Height	157.4185	DZ of Baseline	GMP800	GMP802
GMP802	EW	0.0000	DY of Baseline	GMP800	GMP802
	NS	0.0000	DX of Baseline	GMP801	GMP802
	Height	157.4338	DZ of Baseline	GMP800	GMP802

Adjusted GNSS Observations

From Station	Target Point	ΔX [m]	ΔY [m]	ΔZ [m]	Res. ΔX [m]	Res. ΔY [m]	Res. ΔZ [m]
GMP644	GMP646	-206.2150	-31.7385	200.2759	-0.0087	0.0124	0.0057
GMP644	GMP645	-101.1105	32.0900	83.8642	-0.0040	-0.0017	0.0025
GMP645	GMP646	-105.1045	-63.8285	116.4117	-0.0053	0.0141	0.0029
GMP645	GMP647N	-201.2183	-53.9609	203.2617	-0.0058	0.0080	-0.0065
GMP646	GMP647N	-96.1138	9.8676	86.8500	-0.0010	-0.0062	-0.0077
GMP646	GMP648	-174.7449	-29.2355	168.6802	0.0019	-0.0032	0.0072
GMP649N	GMP651N	-146.9757	-29.3307	142.5273	-0.0020	-0.0016	-0.0004
GMP647N	GMP648	-78.6311	-39.1031	81.8301	-0.0058	0.0012	-0.0076
GMP647N	GMP649N	-177.3793	-34.9327	172.5172	-0.0020	0.0009	-0.0031
GMP649N	GMP650	-83.9262	-43.7321	87.4816	-0.0025	0.0003	-0.0026
GMP648	GMP650	-182.6744	-39.5618	178.1687	-0.0002	-0.0003	0.0017
GMP648	GMP649N	-98.7482	4.1704	90.6870	0.0023	-0.0006	0.0042
GMP650	GMP652	-183.6703	-35.0964	178.8165	-0.0007	-0.0004	-0.0002
GMP651N	GMP652	-120.6208	-49.4978	123.7709	0.0016	0.0012	0.0029
GMP652	GMP653	-74.8086	19.8514	63.1834	-0.0001	-0.0003	0.0010
GMP652	GMP654	-167.5125	-53.3413	166.1601	-0.0003	0.0006	0.0003
GMP650	GMP651N	-63.0495	14.4015	55.0457	-0.0001	0.0007	0.0011
GMP651N	GMP653	-195.4295	-29.6465	186.9542	-0.0008	-0.0005	-0.0002
GMP654	GMP655N	-313.8435	-16.1409	295.6602	0.0007	-0.0004	0.0059
GMP654	GMP656	-387.3534	-60.4032	375.9434	-0.0009	0.0016	-0.0043
GMP655N	GMP657	-201.1753	-24.8954	190.5228	0.0025	-0.0018	0.0232
GMP655N	GMP656	-73.5099	-44.2624	80.2832	0.0004	0.0010	-0.0097
GMP653	GMP655N	-406.5474	-89.3336	398.6370	0.0020	-0.0005	0.0064
GMP653	GMP654	-92.7039	-73.1927	102.9767	-0.0009	0.0003	-0.0018
GMP630	GMP631	-109.7730	13.9275	96.1212	-0.0187	0.0173	0.0134
GMP631	GMP632	-71.5097	-49.2825	81.0155	0.0035	0.0080	-0.0086
GMP631	GMP633N	-206.1081	-53.6593	206.4454	0.0007	0.0006	0.0077
GMP630	GMP632	-181.2827	-35.3550	177.1368	-0.0153	0.0251	0.0050
GMP632	GMP634	-175.3717	-32.9892	170.6871	-0.0128	-0.0096	0.0053
GMP632	GMP633N	-134.5984	-4.3768	125.4298	-0.0014	-0.0065	0.0131
GMP634	GMP635	-102.0436	11.9876	87.9970	0.0036	0.0005	-0.0054
GMP634	GMP636	-181.8981	-36.8527	175.5506	0.0148	0.0358	-0.0240
GMP635	GMP636	-79.8545	-48.8403	87.5536	0.0115	0.0354	-0.0185
GMP633N	GMP635	-142.8169	-16.6248	133.2543	-0.0011	-0.0034	0.0057
GMP633N	GMP634	-40.7732	-28.6124	45.2573	-0.0024	-0.0043	0.0122
GMP656	GMP658N	-210.2120	-23.9548	200.3842	0.0004	0.0012	-0.0030
GMP658N	GMP659N	-70.5594	-1.7824	65.1849	-0.0046	-0.0002	-0.0019
GMP657	GMP658N	-82.5467	-43.3217	90.1446	0.0006	-0.0008	0.0033
GMP658N	GMP660N	-138.0926	-26.1954	134.7905	0.0062	0.0008	0.0027
GMP656	GMP657	-127.6653	19.3670	110.2396	-0.0001	0.0019	-0.0062
GMP657	GMP659N	-153.1061	-45.1041	155.3295	-0.0030	-0.0008	0.0008
GMP660N	GMP661N	-109.6407	-10.6031	103.2618	0.0014	-0.0005	0.0000
GMP659N	GMP661N	-177.1740	-35.0161	172.8673	-0.0021	0.0004	0.0034
GMP659N	GMP660N	-67.5332	-24.4131	69.6056	-0.0047	-0.0013	-0.0052

GMP661N	GMP663N	-182.2040	-36.1399	177.2368	-0.0009	0.0001	0.0018
GMP660N	GMP662	-215.0244	-63.7295	215.0736	-0.0003	-0.0003	-0.0025
GMP661N	GMP662	-105.3837	-53.1264	111.8118	0.0000	-0.0002	0.0026
GMP663N	GMP664	-88.4341	-40.9550	92.7512	0.0006	-0.0002	0.0024
GMP662	GMP663N	-76.8203	16.9865	65.4250	-0.0003	0.0000	-0.0012
GMP663N	GMP665N	-172.7622	-33.9998	167.8399	-0.0028	0.0000	-0.0041
GMP662	GMP664	-165.2544	-23.9685	158.1762	0.0000	-0.0004	0.0010
GMP664	GMP665N	-84.3281	6.9552	75.0886	-0.0036	0.0001	-0.0059
GMP664	GMP666N	-183.0655	-22.7086	174.3772	0.0027	-0.0014	0.0064
GMP665N	GMP666N	-98.7374	-29.6638	99.2885	-0.0029	-0.0011	-0.0044
GMP665N	GMP667	-167.7588	-4.9139	153.2216	-0.0039	0.0016	-0.0037
GMP666N	GMP668	-183.4084	-52.3118	183.0773	0.0040	-0.0025	-0.0015
GMP666N	GMP667	-69.0215	24.7499	53.9331	-0.0029	0.0004	0.0044
GMP667	GMP668	-114.3869	-77.0616	129.1442	0.0066	-0.0028	-0.0061
GMP667	GMP669	-226.1992	-49.7342	222.1867	0.0046	0.0289	-0.0139
GMP668	GMP669	-111.8123	27.3275	93.0425	-0.0020	0.0317	-0.0078
GMP671	GMP672	-64.2463	-58.1924	77.2994	-0.0058	-0.0311	0.0160
GMP671	GMP673N	-262.7222	-61.5333	259.2173	-0.0016	-0.0221	0.0061
GMP670	GMP671	-132.3384	22.5825	113.1000	0.0060	0.0335	-0.0163
GMP672	GMP673N	-198.4759	-3.3409	181.9179	0.0034	0.0090	-0.0113
GMP670	GMP672	-196.5846	-35.6099	190.3994	-0.0001	0.0026	-0.0005
GMP672	GMP674	-248.6210	-43.3487	241.3682	0.0060	0.0047	-0.0025
GMP673N	GMP674	-50.1451	-40.0078	59.4503	-0.0035	-0.0093	-0.0021
GMP674	GMP676N	-234.1138	-33.9114	223.1115	-0.0048	-0.0086	0.0001
GMP674	GMP675N	-117.6850	0.0185	105.9811	0.0040	0.0009	-0.0056
GMP673N	GMP675N	-167.8301	-39.9893	165.4314	0.0069	-0.0030	-0.0008
GMP675N	GMP677N	-209.1678	-41.2547	203.8849	0.0152	0.0042	-0.0094
GMP675N	GMP676N	-116.4287	-33.9299	117.1304	-0.0123	-0.0125	0.0018
GMP676N	GMP678	-188.7816	-55.3987	186.6163	-0.0054	-0.0075	0.0163
GMP676N	GMP677N	-92.7390	-7.3248	86.7545	0.0007	-0.0028	-0.0107
GMP677N	GMP679	-182.0487	0.6335	163.2528	0.0086	-0.0012	-0.0082
GMP677N	GMP678	-96.0426	-48.0739	99.8618	0.0062	0.0016	-0.0107
GMP678	GMP680N	-190.8282	-25.8736	185.7115	0.0025	-0.0037	0.0052
GMP678	GMP679	-86.0060	48.7074	63.3910	-0.0010	-0.0028	0.0003
GMP679	GMP680N	-104.8221	-74.5810	122.3205	0.0024	-0.0020	-0.0064
GMP679	GMP681	-164.3691	-50.9439	168.7272	0.0051	-0.0025	-0.0050
GMP680N	GMP682N	-149.0057	-29.6319	145.1352	0.0025	-0.0064	-0.0139
GMP680N	GMP681	-59.5470	23.6372	46.4067	0.0024	0.0002	0.0087
GMP681	GMP683	-175.8239	-39.8660	171.9552	0.0072	-0.0047	-0.0031
GMP681	GMP682N	-89.4587	-53.2690	98.7285	-0.0016	0.0019	0.0018
GMP682N	GMP684	-190.8028	-56.8716	192.4669	-0.0103	0.0030	0.0068
GMP682N	GMP683	-86.3652	13.4030	73.2266	0.0115	-0.0067	-0.0118
GMP683	GMP684	-104.4376	-70.2746	119.2403	-0.0214	0.0094	0.0185
GMP684	GMP685	-137.9830	28.3521	114.7945	0.0032	-0.0009	-0.0034
GMP683	GMP685	-242.4206	-41.9224	234.0349	-0.0182	0.0084	0.0149
GMP689	GMP691N	-130.2440	-32.4185	130.7150	-0.0043	-0.0108	0.0045
GMP688	GMP690	-174.8285	-32.9365	170.3713	-0.0092	-0.0284	0.0179
GMP688	GMP689	-120.6966	12.3826	105.9099	-0.0051	-0.0068	0.0064
GMP690	GMP691N	-76.1122	12.9007	66.2536	0.0005	0.0113	-0.0044
GMP689	GMP690	-54.1319	-45.3192	64.4614	-0.0038	-0.0215	0.0114
GMP690	GMP692	-414.8200	14.2241	372.3937	-0.0006	0.0100	-0.0009
GMP692	GMP694N	-226.8121	38.7098	195.1563	-0.0006	0.0076	0.0057
GMP691N	GMP692	-338.7078	1.3234	306.1400	-0.0028	-0.0009	0.0014
GMP691N	GMP693	-442.8096	-17.0118	405.7491	-0.0003	0.0013	-0.0008
GMP692	GMP693	-104.1018	-18.3352	99.6090	-0.0017	0.0032	-0.0025
GMP695	GMP696	-98.5733	82.9728	61.5435	-0.0038	-0.0045	0.0045
GMP693	GMP695	-206.6758	58.3292	170.0655	-0.0008	0.0051	-0.0025
GMP694N	GMP695	-83.9655	1.2842	74.5183	0.0025	0.0065	0.0005
GMP695	GMP697	-182.4597	86.8614	137.6633	0.0255	-0.0199	-0.0175
GMP693	GMP694N	-122.7103	57.0450	95.5472	-0.0035	-0.0018	-0.0029
GMP694N	GMP696	-182.5388	84.2571	136.0617	-0.0029	0.0009	0.0046
GMP696	GMP697	-83.8864	3.8886	76.1198	0.0300	-0.0150	-0.0218
GMP701	GMP702	-58.7306	82.4152	26.7975	0.0002	-0.0002	0.0017
GMP701	GMP703N	-172.5764	126.1948	117.0919	-0.0029	-0.0028	-0.0006
GMP700	GMP701	-126.4141	21.0105	107.4043	-0.0015	0.0050	-0.0011
GMP700	GMP702	-185.1447	103.4258	134.2018	-0.0013	0.0047	0.0006
GMP702	GMP703N	-113.8458	43.7795	90.2944	-0.0049	-0.0028	-0.0046
GMP702	GMP704	-194.8358	104.4637	141.4962	0.0039	-0.0045	0.0073
GMP703N	GMP704	-80.9900	60.6842	51.2018	-0.0055	-0.0022	-0.0063
GMP704	GMP706	-500.2023	77.0441	426.9559	-0.0017	-0.0043	0.0013
GMP704	GMP705N	-356.1294	85.3559	296.6325	0.0004	-0.0027	-0.0005
GMP703N	GMP705N	-437.1194	146.0401	347.8344	0.0009	-0.0020	0.0075

GMP705N	GMP706	-144.0729	-8.3119	130.3233	-0.0009	-0.0018	0.0026
GMP705N	GMP707	-245.9043	18.5603	213.1749	0.0018	-0.0030	0.0027
GMP706	GMP708	-176.5106	-18.2921	166.3666	-0.0010	-0.0036	0.0016
GMP708	GMP709	-92.3442	18.9830	78.3644	-0.0002	-0.0020	0.0009
GMP708	GMP710	-166.0707	-32.8699	161.2542	-0.0007	-0.0030	0.0015
GMP706	GMP707	-101.8314	26.8722	82.8516	-0.0012	-0.0023	0.0010
GMP707	GMP708	-74.6793	-45.1643	83.5151	0.0000	-0.0015	0.0008
GMP707	GMP709	-167.0234	-26.1813	161.8794	-0.0003	-0.0036	0.0015
GMP710	GMP711N	-105.7946	-3.6271	98.0444	-0.0004	-0.0019	0.0016
GMP710	GMP712	-205.1019	-46.8586	200.7889	-0.0006	-0.0034	0.0013
GMP709	GMP710	-73.7265	-51.8529	82.8899	-0.0003	-0.0022	0.0012
GMP709	GMP711N	-179.5211	-55.4799	180.9342	-0.0002	-0.0033	0.0012
GMP711N	GMP712	-99.3073	-43.2315	102.7445	-0.0001	-0.0012	0.0009
GMP711N	GMP713	-191.3358	-21.3060	177.8378	-0.0005	-0.0040	0.0020
GMP712	GMP713	-92.0285	21.9256	75.0932	0.0004	-0.0031	0.0008
GMP713	GMP714N	-230.0674	-91.5350	240.0512	-0.0016	0.0017	0.0008
GMP713	GMP715	-312.1316	-103.4009	317.8353	0.0016	-0.0089	0.0018
GMP712	GMP714N	-322.0959	-69.6094	315.1444	-0.0012	-0.0015	0.0013
GMP714N	GMP716	-149.7770	-135.7854	180.3991	-0.0060	0.0107	0.0012
GMP714N	GMP715	-82.0642	-11.8659	77.7842	0.0032	-0.0106	0.0009
GMP716	GMP717	-78.2916	-48.4707	86.0334	0.0087	-0.0015	-0.0068
GMP715	GMP717	-146.0044	-172.3902	188.6484	0.0000	0.0198	-0.0067
GMP715	GMP716	-67.7128	-123.9194	102.6150	-0.0078	0.0219	0.0011
GMP720	GMP722	-79.4539	-250.3893	155.0184	-0.0071	-0.0013	0.0057
GMP720	GMP721	-76.3398	-93.3300	102.0798	-0.0116	0.0097	0.0099
GMP721	GMP722	-3.1141	-157.0593	52.9387	0.0045	-0.0110	-0.0014
GMP722	GMP723N	-98.8938	-103.2803	123.5470	-0.0025	0.0042	0.0002
GMP722	GMP724	-109.4685	-199.4610	163.2087	-0.0005	0.0038	0.0000
GMP721	GMP723N	-102.0079	-260.3396	176.4857	0.0025	-0.0065	-0.0007
GMP723N	GMP725N	-59.3273	-157.4225	105.7158	0.0006	-0.0002	-0.0002
GMP724	GMP725N	-48.7526	-61.2418	66.0541	0.0008	0.0015	0.0006
GMP725N	GMP726	-40.2466	-63.0082	58.1831	-0.0019	-0.0004	-0.0015
GMP725N	GMP727	-89.2361	-178.5301	142.0892	0.0036	0.0018	0.0021
GMP723N	GMP724	-10.5747	-96.1807	39.6617	-0.0003	-0.0012	-0.0001
GMP724	GMP726	-88.9992	-124.2501	124.2372	-0.0017	0.0011	-0.0009
GMP727	GMP728N	-3.8221	-57.2537	20.2278	0.0212	0.0081	0.0251
GMP726	GMP727	-48.9896	-115.5218	83.9060	-0.0065	-0.0018	-0.0067
GMP727	GMP729N	-48.1513	-139.0071	87.8738	0.0004	0.0004	-0.0019
GMP728N	GMP729N	-44.3292	-81.7534	67.6460	0.0087	0.0024	0.0042
GMP726	GMP728N	-52.8117	-172.7755	104.1338	-0.0025	0.0009	-0.0013
GMP728N	GMP730N	-75.2492	-176.3471	127.2659	-0.0050	0.0010	0.0002
GMP731N	GMP733N	-59.3112	-127.0629	96.3320	-0.0014	-0.0007	0.0023
GMP730N	GMP731N	-78.9309	-151.0712	122.2908	-0.0092	-0.0026	-0.0114
GMP731N	GMP732N	-28.8659	-82.6914	53.8607	0.0036	0.0014	0.0001
GMP729N	GMP731N	-109.8509	-245.6648	181.9107	0.0026	0.0005	0.0049
GMP729N	GMP730N	-30.9200	-94.5936	59.6199	0.0028	0.0011	-0.0066
GMP730N	GMP732N	-107.7968	-233.7626	176.1515	-0.0033	0.0025	-0.0046
GMP732N	GMP734N	-31.9554	-72.4413	53.2270	-0.0031	0.0022	-0.0033
GMP732N	GMP733N	-30.4453	-44.3714	42.4713	0.0140	0.0043	0.0115
GMP736	GMP737N	-24.8411	-61.4227	42.2429	-0.0053	0.0038	-0.0020
GMP736	GMP738N	-53.9896	-357.0165	164.3319	-0.0024	0.0031	0.0004
GMP737N	GMP739	-30.1374	-137.2819	72.7710	-0.0011	0.0007	-0.0025
GMP737N	GMP738N	-29.1485	-295.5938	122.0890	0.0022	-0.0008	0.0015
GMP739	GMP740N	-130.1883	-381.7815	241.0725	0.0001	0.0007	-0.0013
GMP739	GMP738N	0.9889	-158.3119	49.3179	-0.0023	-0.0003	-0.0022
GMP738N	GMP741N	-112.7284	-280.6252	193.4880	-0.0014	0.0018	0.0036
GMP738N	GMP740N	-131.1773	-223.4696	191.7545	0.0012	0.0005	-0.0015
GMP740N	GMP741N	18.4489	-57.1557	1.7334	-0.0024	-0.0012	-0.0015
GMP740N	GMP742N	-28.0291	-64.3552	46.2418	0.0027	0.0021	-0.0016
GMP741N	GMP744N	-52.4947	-117.9295	85.4038	-0.0014	-0.0060	-0.0041
GMP741N	GMP742N	-46.4780	-7.1996	44.5084	-0.0051	0.0051	0.0020
GMP733N	GMP734N	-1.5100	-28.0699	10.7557	0.0007	0.0005	0.0017
GMP733N	GMP735N	-81.5849	-191.7275	132.7707	0.0045	0.0007	0.0033
GMP734N	GMP735N	-80.0749	-163.6576	122.0150	-0.0005	-0.0009	-0.0016
GMP735N	GMP736	30.8280	-121.2236	16.6219	-0.0057	0.0026	-0.0028
GMP735N	GMP737N	5.9869	-182.6463	58.8649	0.0059	-0.0031	0.0015
GMP734N	GMP736	-49.2469	-284.8812	138.6369	-0.0052	0.0032	-0.0033
GMP744N	GMP745N	-104.8533	-60.0962	114.4980	-0.0018	-0.0094	-0.0045
GMP744N	GMP746N	-139.1785	-135.4132	170.4553	-0.0015	-0.0055	-0.0026
GMP746N	GMP748N	-127.3636	-115.4329	152.6374	-0.0008	-0.0011	0.0006
GMP745N	GMP746N	-34.3252	-75.3170	55.9573	0.0007	0.0041	0.0025
GMP746N	GMP747N	-69.6614	-27.5767	71.4932	-0.0003	-0.0004	-0.0013

GMP748N	GMP749N	-109.1563	-54.0796	146.2075	0.0021	-0.0014	-0.0013
GMP748N	GMP750N	-151.1610	-146.4003	184.5547	-0.0032	-0.0009	-0.0002
GMP747N	GMP748N	-57.7022	-87.8562	81.1442	-0.0004	-0.0006	0.0002
GMP747N	GMP749N	-166.8585	-141.9360	197.3517	0.0040	0.0077	0.0010
GMP749N	GMP750N	-42.0047	-92.3204	68.3472	-0.0009	0.0050	0.0102
GMP749N	GMP751N	-83.7414	-114.3830	113.3536	0.0083	0.0031	-0.0042
GMP752N	GMP754N	-125.8754	-122.0893	154.1476	-0.0033	-0.0110	-0.0030
GMP750N	GMP752N	-105.8836	-130.5662	138.1265	-0.0026	-0.0014	0.0017
GMP751N	GMP752N	-64.1469	-108.5036	93.1201	0.0009	-0.0016	-0.0017
GMP752N	GMP753N	-36.0984	-1.6690	33.7498	0.0025	0.0088	0.0028
GMP751N	GMP753N	-100.2453	-110.1727	126.8699	0.0005	0.0051	-0.0002
GMP750N	GMP751N	-41.7367	-22.0626	45.0064	-0.0024	0.0015	0.0018
GMP758N	GMP759	-74.8845	-106.3996	98.0384	0.0092	-0.0092	-0.0081
GMP758N	GMP760	-144.9810	-122.1636	166.4231	-0.0138	0.0179	0.0099
GMP759	GMP760	-70.0966	-15.7640	68.3847	-0.0230	0.0273	0.0182
GMP754N	GMP759	-439.6861	-447.9235	548.4886	0.0051	-0.0074	-0.0049
GMP753N	GMP758N	-454.5785	-461.9441	570.8481	-0.0024	0.0096	0.0020
GMP754N	GMP758N	-364.8016	-341.5238	450.4502	-0.0036	0.0021	0.0040
GMP753N	GMP754N	-89.7769	-120.4203	120.3979	0.0060	0.0061	0.0049
GMP768	GMP770	-265.9628	-255.0218	325.9908	0.0014	-0.0006	-0.0064
GMP768	GMP769N	-193.4860	-215.7365	249.0101	0.0188	0.0068	-0.0087
GMP766	GMP768	-144.5274	-142.9560	178.9530	-0.0203	-0.0209	0.0234
GMP767	GMP768	-84.4698	-35.0890	88.9622	-0.0279	-0.0059	0.0247
GMP767	GMP769N	-277.9558	-250.8255	337.9723	-0.0106	0.0007	0.0148
GMP766	GMP767	-60.0576	-107.8670	89.9908	0.0075	-0.0147	-0.0013
GMP770	GMP771N	-53.8106	-83.4527	78.6469	0.0030	-0.0021	-0.0015
GMP770	GMP772	-146.0445	-137.2532	179.3223	0.0025	0.0012	-0.0009
GMP771N	GMP773N	-161.6053	-156.8334	198.2274	0.0032	0.0004	-0.0042
GMP771N	GMP772	-92.2339	-53.8005	100.6753	-0.0017	0.0024	-0.0013
GMP772	GMP773N	-69.3715	-103.0329	97.5521	0.0017	-0.0012	0.0043
GMP772	GMP774N	-230.8453	-245.2476	289.7094	0.0005	0.0047	-0.0042
GMP778	GMP779N	-161.9706	-189.9841	209.5137	0.0664	0.0263	0.0720
GMP779N	GMP781N	-121.4478	-117.9570	148.0990	-0.0211	-0.0092	-0.0264
GMP779N	GMP780N	-71.7221	-55.3128	82.8880	-0.0381	-0.0157	-0.0461
GMP778	GMP780N	-233.6928	-245.2969	292.4017	0.0268	0.0097	0.0234
GMP780N	GMP782	-119.4076	-95.7918	137.4408	0.0100	0.0055	0.0062
GMP780N	GMP781N	-49.7257	-62.6442	65.2111	0.0174	0.0065	0.0155
GMP781N	GMP782	-69.6819	-33.1476	72.2297	-0.0082	-0.0020	-0.0084
GMP781N	GMP783N	-141.3101	-149.5074	176.2279	-0.0066	-0.0029	-0.0129
GMP782	GMP784N	-111.1956	-146.6713	149.5650	0.0042	0.0043	0.0034
GMP782	GMP783N	-71.6282	-116.3597	103.9982	0.0041	0.0015	0.0012
GMP783N	GMP785N	-92.6825	-110.1046	119.3806	0.0009	0.0007	-0.0026
GMP783N	GMP784N	-39.5674	-30.3116	45.5668	0.0000	-0.0012	-0.0057
GMP784N	GMP785N	-53.1151	-79.7930	73.8138	0.0018	0.0024	-0.0001
GMP784N	GMP786N	-179.9496	-231.1816	237.4967	0.0024	0.0011	-0.0024
GMP785N	GMP787N	-200.4799	-259.5970	265.1865	0.0050	0.0053	0.0010
GMP785N	GMP786N	-126.8345	-151.3886	163.6829	-0.0025	-0.0024	-0.0048
GMP788	GMP790	-108.4036	-170.5473	153.6818	-0.0163	-0.0077	0.0133
GMP789	GMP790	-22.0912	-152.4344	70.3879	-0.0144	-0.0078	0.0140
GMP787N	GMP789	-132.3277	-154.7389	167.4706	0.0042	0.0012	0.0025
GMP788	GMP789	-86.3124	-18.1129	83.2939	-0.0016	0.0001	-0.0002
GMP787N	GMP788	-46.0153	-136.6261	84.1767	0.0038	0.0030	-0.0008
GMP786N	GMP788	-119.6608	-244.8345	185.6803	0.0003	0.0012	-0.0039
GMP786N	GMP787N	-73.6454	-108.2084	101.5036	0.0002	-0.0022	-0.0020
GMP743N	GMP745N	-78.0803	-98.9748	102.5154	0.0039	0.0180	0.0075
GMP743N	GMP744N	26.7730	-38.8786	-11.9826	-0.0026	-0.0093	-0.0041
GMP742N	GMP743N	-32.7897	-71.8514	52.8780	0.0004	0.0081	0.0025
GMP742N	GMP744N	-6.0167	-110.7300	40.8954	-0.0024	-0.0014	-0.0025
GMP769N	GMP770	-72.4768	-39.2853	76.9807	0.0108	0.0033	0.0127
GMP769N	GMP771N	-126.2874	-122.7380	155.6276	-0.0007	0.0045	-0.0039
GMP773N	GMP775	-197.4945	-213.2411	245.3890	0.0019	-0.0002	-0.0020
GMP773N	GMP774N	-161.4738	-142.2147	192.1573	0.0037	-0.0006	0.0021
GMP774N	GMP776	-121.9485	-96.9456	141.0898	0.0046	0.0028	0.0003
GMP774N	GMP775	-36.0206	-71.0264	53.2317	-0.0016	0.0012	-0.0037
GMP775	GMP776	-85.9279	-25.9192	87.8581	0.0056	0.0014	0.0034
GMP775	GMP777	-135.8629	-133.8606	166.7325	-0.0058	-0.0006	-0.0087
GMP776	GMP777	-49.9350	-107.9414	78.8744	-0.0095	-0.0023	-0.0127
GMP776	GMP778	-119.6934	-117.9383	145.3302	0.0224	0.0076	0.0191
GMP777	GMP778	-69.7584	-9.9968	66.4558	0.0344	0.0091	0.0316
GMP777	GMP779N	-231.7290	-199.9810	275.9695	-0.1397	-0.0503	-0.1447
GMP796	GMP797	-103.4324	-79.8314	119.9565	-0.0029	0.0106	-0.0009
GMP796	GMP798	-103.0353	-167.6014	148.5257	0.0012	-0.0002	-0.0018

GMP797	GMP798	0.3970	-87.7700	28.5691	0.0046	-0.0104	0.0004
GMP799N	GMP800	-49.2578	-111.6051	78.1292	-0.0090	-0.0178	0.0114
GMP798	GMP799N	-56.6301	-55.0550	70.9082	-0.0107	-0.0070	0.0128
GMP799N	GMP801	-128.1974	-163.7184	166.2029	0.0012	0.0126	-0.0007
GMP798	GMP800	-105.8879	-166.6600	149.0374	-0.0193	-0.0249	0.0254
GMP801	GMP802	-156.3062	-266.7963	227.5737	-0.0098	0.0009	0.0104
GMP800	GMP802	-235.2458	-318.9096	315.6474	-0.0046	0.0312	-0.0071
GMP800	GMP801	-78.9396	-52.1133	88.0736	0.0078	0.0307	-0.0177

Adjusted GNSS Observations - continued

From Station	Target Point	SD ΔX [m]	SD ΔY [m]	SD ΔZ [m]	W-Test ΔX	W-Test ΔY	W-Test ΔZ	T-Test
GMP644	GMP646	0.0068	0.0024	0.0075	-0.92	1.11	0.59	0.67
GMP644	GMP645	0.0067	0.0024	0.0073	-0.40	-0.15	0.28	0.07
GMP645	GMP646	0.0062	0.0023	0.0068	-0.56	1.26	0.25	0.61
GMP645	GMP647N	0.0101	0.0077	0.0112	-0.50	0.91	-0.48	0.41
GMP646	GMP647N	0.0095	0.0076	0.0105	0.09	-0.53	-0.42	0.18
GMP646	GMP648	0.0095	0.0083	0.0099	0.24	-0.44	1.04	0.47
GMP649N	GMP651N	0.0141	0.0105	0.0133	-0.06	-0.09	0.05	0.00
GMP647N	GMP648	0.0103	0.0083	0.0102	-0.25	0.26	-0.50	0.15
GMP647N	GMP649N	0.0111	0.0090	0.0106	-0.19	0.15	-0.35	0.07
GMP649N	GMP650	0.0123	0.0091	0.0114	-0.10	0.09	-0.13	0.02
GMP648	GMP650	0.0102	0.0088	0.0099	-0.04	-0.05	0.27	0.03
GMP648	GMP649N	0.0114	0.0087	0.0107	0.04	-0.13	0.26	0.03
GMP650	GMP652	0.0092	0.0084	0.0094	-0.09	-0.05	-0.02	0.00
GMP651N	GMP652	0.0086	0.0078	0.0089	0.03	0.08	0.19	0.02
GMP652	GMP653	0.0080	0.0076	0.0082	-0.01	-0.04	0.12	0.01
GMP652	GMP654	0.0088	0.0083	0.0091	-0.04	0.08	0.03	0.00
GMP650	GMP651N	0.0089	0.0081	0.0090	-0.03	0.08	0.14	0.01
GMP651N	GMP653	0.0090	0.0084	0.0092	-0.10	-0.07	-0.01	0.01
GMP654	GMP655N	0.0105	0.0088	0.0110	-0.07	-0.12	0.42	0.06
GMP654	GMP656	0.0097	0.0088	0.0099	-0.12	0.24	-0.69	0.19
GMP655N	GMP657	0.0117	0.0097	0.0122	-0.31	-0.52	1.73	1.02
GMP655N	GMP656	0.0105	0.0089	0.0110	0.23	0.21	-0.73	0.18
GMP653	GMP655N	0.0114	0.0096	0.0119	0.01	-0.16	0.47	0.08
GMP653	GMP654	0.0083	0.0078	0.0084	-0.11	0.04	-0.23	0.02
GMP630	GMP631	0.0068	0.0023	0.0073	-2.05	1.55	1.45	2.24
GMP631	GMP632	0.0060	0.0023	0.0067	0.37	0.72	-0.90	0.41
GMP631	GMP633N	0.0091	0.0065	0.0098	-0.14	-0.02	0.66	0.15
GMP630	GMP632	0.0072	0.0024	0.0077	-1.74	2.27	0.57	2.39
GMP632	GMP634	0.0071	0.0023	0.0076	-1.37	-0.85	0.68	1.02
GMP632	GMP633N	0.0080	0.0063	0.0084	-0.34	-0.71	1.25	0.64
GMP634	GMP635	0.0061	0.0021	0.0066	0.37	0.04	-0.56	0.12
GMP634	GMP636	0.0072	0.0024	0.0076	1.53	3.15	-2.83	5.77
GMP635	GMP636	0.0067	0.0025	0.0073	0.95	3.03	-2.06	4.26
GMP633N	GMP635	0.0090	0.0064	0.0093	-0.15	-0.31	0.58	0.14
GMP633N	GMP634	0.0077	0.0063	0.0080	-0.33	-0.43	1.25	0.57
GMP656	GMP658N	0.0094	0.0085	0.0096	0.08	0.17	-0.38	0.06
GMP658N	GMP659N	0.0101	0.0083	0.0104	-0.35	0.05	-0.05	0.05
GMP657	GMP658N	0.0087	0.0079	0.0088	0.04	-0.11	0.37	0.05
GMP658N	GMP660N	0.0113	0.0091	0.0116	0.51	-0.01	0.09	0.11
GMP656	GMP657	0.0087	0.0080	0.0088	0.02	0.25	-0.79	0.22
GMP657	GMP659N	0.0108	0.0089	0.0111	-0.31	-0.08	0.15	0.04
GMP660N	GMP661N	0.0097	0.0082	0.0097	0.13	-0.07	-0.03	0.01
GMP659N	GMP661N	0.0099	0.0086	0.0100	-0.33	0.06	0.48	0.10
GMP659N	GMP660N	0.0097	0.0081	0.0098	-0.30	-0.08	-0.37	0.10
GMP661N	GMP663N	0.0104	0.0088	0.0107	-0.14	0.02	0.19	0.02
GMP660N	GMP662	0.0105	0.0089	0.0105	0.03	-0.02	-0.28	0.03
GMP661N	GMP662	0.0095	0.0081	0.0096	-0.06	-0.03	0.24	0.02
GMP663N	GMP664	0.0083	0.0078	0.0090	0.05	-0.04	0.26	0.03
GMP662	GMP663N	0.0083	0.0078	0.0088	-0.02	0.01	-0.13	0.01
GMP663N	GMP665N	0.0099	0.0088	0.0113	-0.21	0.08	-0.29	0.05
GMP662	GMP664	0.0089	0.0084	0.0094	-0.01	-0.06	0.13	0.01
GMP664	GMP665N	0.0089	0.0080	0.0101	-0.26	0.11	-0.39	0.09
GMP664	GMP666N	0.0092	0.0085	0.0100	0.32	-0.22	0.84	0.31
GMP665N	GMP666N	0.0089	0.0080	0.0094	-0.18	-0.06	-0.36	0.07
GMP665N	GMP667	0.0100	0.0086	0.0104	-0.30	0.25	-0.26	0.08
GMP666N	GMP668	0.0082	0.0071	0.0085	0.49	-0.28	-0.20	0.10
GMP666N	GMP667	0.0078	0.0071	0.0080	-0.37	0.04	0.52	0.12
GMP667	GMP668	0.0056	0.0021	0.0062	0.67	-0.25	-0.62	0.23
GMP667	GMP669	0.0065	0.0023	0.0071	0.47	2.60	-1.54	2.75
GMP668	GMP669	0.0063	0.0022	0.0069	-0.23	2.86	-0.87	2.79

GMP671	GMP672	0.0058	0.0021	0.0064	-0.57	-2.80	1.70	3.30
GMP671	GMP673N	0.0090	0.0073	0.0095	-0.06	-2.35	0.86	1.98
GMP670	GMP671	0.0064	0.0023	0.0070	0.61	3.02	-1.81	3.72
GMP672	GMP673N	0.0084	0.0072	0.0088	0.50	0.99	-1.19	0.76
GMP670	GMP672	0.0065	0.0023	0.0071	-0.02	0.23	-0.06	0.02
GMP672	GMP674	0.0090	0.0079	0.0093	0.76	0.54	-0.43	0.34
GMP673N	GMP674	0.0085	0.0078	0.0084	-0.28	-1.01	-0.16	0.42
GMP674	GMP676N	0.0118	0.0096	0.0112	-0.08	-0.65	0.18	0.18
GMP674	GMP675N	0.0091	0.0082	0.0088	0.53	0.08	-0.71	0.23
GMP673N	GMP675N	0.0100	0.0087	0.0097	0.82	-0.46	-0.21	0.26
GMP675N	GMP677N	0.0101	0.0087	0.0098	2.00	0.33	-1.52	1.89
GMP675N	GMP676N	0.0104	0.0090	0.0100	-0.56	-0.74	0.49	0.44
GMP676N	GMP678	0.0093	0.0084	0.0099	-0.80	-1.00	1.88	1.57
GMP676N	GMP677N	0.0086	0.0079	0.0089	0.20	-0.26	-1.12	0.45
GMP677N	GMP679	0.0093	0.0081	0.0096	1.19	-0.16	-1.22	0.82
GMP677N	GMP678	0.0084	0.0077	0.0086	0.80	0.20	-1.33	0.73
GMP678	GMP680N	0.0107	0.0087	0.0133	0.19	-0.47	0.33	0.12
GMP678	GMP679	0.0090	0.0078	0.0100	-0.08	-0.32	0.11	0.04
GMP679	GMP680N	0.0096	0.0082	0.0120	0.35	-0.19	-0.45	0.10
GMP679	GMP681	0.0096	0.0083	0.0105	0.79	-0.31	-0.88	0.41
GMP680N	GMP682N	0.0106	0.0089	0.0134	0.53	-0.60	-0.82	0.41
GMP680N	GMP681	0.0095	0.0081	0.0118	0.04	-0.07	0.58	0.12
GMP681	GMP683	0.0089	0.0079	0.0094	0.99	-0.58	-0.46	0.44
GMP681	GMP682N	0.0086	0.0079	0.0097	-0.21	0.21	0.20	0.04
GMP682N	GMP684	0.0094	0.0075	0.0104	-1.09	0.30	0.67	0.48
GMP682N	GMP683	0.0086	0.0074	0.0095	1.28	-0.62	-1.03	0.89
GMP683	GMP684	0.0060	0.0022	0.0066	-2.18	0.82	1.89	2.25
GMP684	GMP685	0.0065	0.0023	0.0071	0.34	-0.08	-0.36	0.06
GMP683	GMP685	0.0068	0.0023	0.0074	-1.96	0.74	1.64	1.71
GMP689	GMP691N	0.0094	0.0070	0.0097	-0.39	-1.06	0.61	0.51
GMP688	GMP690	0.0069	0.0024	0.0075	-0.95	-2.52	1.98	3.14
GMP688	GMP689	0.0067	0.0023	0.0073	-0.53	-0.60	0.70	0.29
GMP690	GMP691N	0.0086	0.0069	0.0087	0.01	1.12	-0.47	0.47
GMP689	GMP690	0.0060	0.0022	0.0066	-0.38	-1.92	1.20	1.56
GMP690	GMP692	0.0090	0.0071	0.0090	-0.11	1.11	-0.14	0.41
GMP692	GMP694N	0.0107	0.0083	0.0108	-0.27	0.73	0.47	0.29
GMP691N	GMP692	0.0083	0.0076	0.0083	-0.32	-0.09	0.19	0.05
GMP691N	GMP693	0.0093	0.0077	0.0092	-0.04	0.16	-0.10	0.01
GMP692	GMP693	0.0084	0.0075	0.0084	-0.21	0.39	-0.31	0.09
GMP695	GMP696	0.0061	0.0023	0.0066	-0.38	-0.40	0.50	0.14
GMP693	GMP695	0.0093	0.0073	0.0095	-0.12	0.59	-0.37	0.15
GMP694N	GMP695	0.0097	0.0075	0.0101	0.02	0.53	-0.11	0.10
GMP695	GMP697	0.0066	0.0025	0.0071	2.77	-1.81	-1.94	3.75
GMP693	GMP694N	0.0100	0.0083	0.0102	-0.15	-0.07	-0.09	0.02
GMP694N	GMP696	0.0105	0.0076	0.0108	-0.42	0.10	0.47	0.10
GMP696	GMP697	0.0062	0.0022	0.0068	3.18	-1.37	-2.42	4.26
GMP701	GMP702	0.0057	0.0021	0.0062	0.02	-0.02	0.17	0.01
GMP701	GMP703N	0.0089	0.0073	0.0092	-0.25	-0.26	-0.02	0.05
GMP700	GMP701	0.0063	0.0022	0.0069	-0.16	0.45	-0.11	0.07
GMP700	GMP702	0.0064	0.0024	0.0069	-0.15	0.42	0.06	0.06
GMP702	GMP703N	0.0084	0.0073	0.0087	-0.36	-0.21	-0.33	0.13
GMP702	GMP704	0.0091	0.0080	0.0093	0.48	-0.57	0.94	0.48
GMP703N	GMP704	0.0087	0.0078	0.0090	-0.59	-0.21	-0.70	0.35
GMP704	GMP706	0.0099	0.0084	0.0107	-0.24	-0.54	0.24	0.13
GMP704	GMP705N	0.0104	0.0084	0.0116	0.07	-0.28	0.01	0.03
GMP703N	GMP705N	0.0117	0.0092	0.0130	-0.04	-0.32	0.50	0.10
GMP705N	GMP706	0.0103	0.0084	0.0114	-0.09	-0.21	0.23	0.03
GMP705N	GMP707	0.0113	0.0089	0.0124	0.14	-0.38	0.23	0.06
GMP706	GMP708	0.0090	0.0081	0.0090	-0.13	-0.45	0.23	0.09
GMP708	GMP709	0.0078	0.0075	0.0078	-0.03	-0.23	0.11	0.02
GMP708	GMP710	0.0086	0.0080	0.0086	-0.09	-0.38	0.20	0.06
GMP706	GMP707	0.0086	0.0077	0.0087	-0.14	-0.27	0.14	0.04
GMP707	GMP708	0.0080	0.0076	0.0080	0.00	-0.17	0.09	0.01
GMP707	GMP709	0.0087	0.0081	0.0087	-0.04	-0.45	0.21	0.08
GMP710	GMP711N	0.0077	0.0075	0.0081	-0.05	-0.22	0.18	0.03
GMP710	GMP712	0.0085	0.0080	0.0088	-0.07	-0.43	0.18	0.07
GMP709	GMP710	0.0077	0.0075	0.0078	-0.03	-0.26	0.15	0.03
GMP709	GMP711N	0.0086	0.0080	0.0089	-0.03	-0.41	0.16	0.06
GMP711N	GMP712	0.0078	0.0075	0.0082	-0.02	-0.14	0.10	0.01
GMP711N	GMP713	0.0086	0.0081	0.0091	-0.07	-0.50	0.25	0.10
GMP712	GMP713	0.0078	0.0075	0.0079	0.05	-0.37	0.10	0.05
GMP713	GMP714N	0.0078	0.0075	0.0079	-0.19	0.20	0.10	0.03

GMP712	GMP714N	0.0086	0.0081	0.0088	-0.15	-0.18	0.18	0.03
GMP714N	GMP716	0.0080	0.0069	0.0082	-0.73	1.20	0.14	0.61
GMP714N	GMP715	0.0075	0.0069	0.0076	0.37	-1.17	0.12	0.49
GMP716	GMP717	0.0065	0.0023	0.0071	0.90	-0.15	-0.75	0.32
GMP715	GMP717	0.0066	0.0027	0.0073	-0.02	1.78	-0.74	1.15
GMP715	GMP716	0.0054	0.0022	0.0060	-0.79	1.99	0.11	1.44
GMP720	GMP722	0.0087	0.0036	0.0096	-0.70	-0.07	0.67	0.20
GMP720	GMP721	0.0096	0.0035	0.0106	-1.30	0.88	0.95	0.74
GMP721	GMP722	0.0079	0.0031	0.0087	0.56	-0.94	-0.12	0.34
GMP722	GMP723N	0.0080	0.0073	0.0081	-0.31	0.49	0.03	0.10
GMP722	GMP724	0.0088	0.0083	0.0089	-0.09	0.49	-0.01	0.08
GMP721	GMP723N	0.0100	0.0078	0.0104	0.38	-0.69	-0.07	0.18
GMP723N	GMP725N	0.0087	0.0085	0.0088	0.07	-0.03	-0.02	0.00
GMP724	GMP725N	0.0079	0.0077	0.0080	0.08	0.17	0.07	0.01
GMP725N	GMP726	0.0082	0.0077	0.0083	-0.22	-0.04	-0.16	0.03
GMP725N	GMP727	0.0095	0.0087	0.0099	0.44	0.20	0.25	0.14
GMP723N	GMP724	0.0078	0.0076	0.0078	-0.04	-0.14	-0.01	0.01
GMP724	GMP726	0.0088	0.0085	0.0089	-0.22	0.15	-0.11	0.03
GMP727	GMP728N	0.0114	0.0085	0.0125	0.12	0.10	0.27	0.15
GMP726	GMP727	0.0097	0.0080	0.0102	-0.27	-0.02	-0.24	0.08
GMP727	GMP729N	0.0109	0.0091	0.0118	0.08	0.07	-0.24	0.02
GMP728N	GMP729N	0.0104	0.0085	0.0112	0.58	0.09	0.10	0.15
GMP726	GMP728N	0.0113	0.0092	0.0127	-0.26	0.14	-0.08	0.03
GMP728N	GMP730N	0.0099	0.0089	0.0104	-0.73	0.16	0.07	0.18
GMP731N	GMP733N	0.0112	0.0092	0.0111	-0.21	-0.09	0.32	0.04
GMP730N	GMP731N	0.0119	0.0093	0.0116	-0.18	-0.01	-0.45	0.13
GMP731N	GMP732N	0.0112	0.0088	0.0110	0.28	0.09	-0.11	0.03
GMP729N	GMP731N	0.0108	0.0092	0.0106	0.25	0.02	0.63	0.21
GMP729N	GMP730N	0.0103	0.0084	0.0104	0.41	0.14	-0.69	0.18
GMP730N	GMP732N	0.0133	0.0101	0.0131	-0.16	0.35	-0.30	0.08
GMP732N	GMP734N	0.0098	0.0088	0.0102	-0.41	0.32	-0.42	0.18
GMP732N	GMP733N	0.0105	0.0083	0.0109	0.54	0.08	0.05	0.18
GMP736	GMP737N	0.0107	0.0090	0.0112	-0.47	0.47	-0.10	0.14
GMP736	GMP738N	0.0115	0.0097	0.0122	-0.27	0.36	0.04	0.06
GMP737N	GMP739	0.0100	0.0090	0.0103	-0.10	0.12	-0.28	0.04
GMP737N	GMP738N	0.0090	0.0081	0.0093	0.25	-0.12	0.16	0.04
GMP739	GMP740N	0.0106	0.0091	0.0109	0.04	0.10	-0.16	0.01
GMP739	GMP738N	0.0097	0.0083	0.0100	-0.13	0.01	-0.11	0.01
GMP738N	GMP741N	0.0124	0.0097	0.0130	-0.28	0.17	0.31	0.05
GMP738N	GMP740N	0.0104	0.0084	0.0108	0.14	0.06	-0.17	0.01
GMP740N	GMP741N	0.0105	0.0085	0.0110	-0.17	-0.09	-0.06	0.02
GMP740N	GMP742N	0.0104	0.0090	0.0107	0.38	0.26	-0.30	0.09
GMP741N	GMP744N	0.0128	0.0095	0.0139	0.24	-0.60	-0.09	0.13
GMP741N	GMP742N	0.0114	0.0086	0.0123	-0.64	0.60	0.30	0.22
GMP733N	GMP734N	0.0096	0.0083	0.0097	0.02	0.03	0.15	0.01
GMP733N	GMP735N	0.0112	0.0093	0.0110	0.33	-0.04	0.18	0.07
GMP734N	GMP735N	0.0102	0.0086	0.0100	0.01	-0.09	-0.16	0.01
GMP735N	GMP736	0.0126	0.0099	0.0125	-0.36	0.39	0.02	0.08
GMP735N	GMP737N	0.0120	0.0098	0.0118	0.72	-0.53	0.00	0.24
GMP734N	GMP736	0.0136	0.0109	0.0136	-0.44	0.51	-0.09	0.13
GMP744N	GMP745N	0.0082	0.0077	0.0084	-0.12	-1.08	-0.46	0.48
GMP744N	GMP746N	0.0089	0.0085	0.0093	-0.15	-0.71	-0.30	0.21
GMP746N	GMP748N	0.0093	0.0087	0.0096	-0.11	-0.15	0.09	0.01
GMP745N	GMP746N	0.0083	0.0078	0.0087	0.03	0.48	0.25	0.10
GMP746N	GMP747N	0.0086	0.0080	0.0092	-0.01	-0.04	-0.12	0.01
GMP745N	GMP747N	0.0096	0.0088	0.0103	0.06	0.51	-0.03	0.09
GMP748N	GMP749N	0.0136	0.0104	0.0141	0.13	-0.18	0.07	0.02
GMP748N	GMP750N	0.0130	0.0102	0.0133	-0.34	-0.08	0.08	0.05
GMP747N	GMP748N	0.0091	0.0082	0.0093	-0.04	-0.08	0.03	0.00
GMP747N	GMP749N	0.0143	0.0111	0.0149	0.12	0.65	-0.24	0.16
GMP749N	GMP750N	0.0145	0.0109	0.0149	-0.34	0.20	0.44	0.11
GMP749N	GMP751N	0.0156	0.0117	0.0161	0.62	0.26	-0.62	0.21
GMP752N	GMP754N	0.0113	0.0096	0.0118	-0.07	-1.21	-0.18	0.56
GMP750N	GMP752N	0.0122	0.0100	0.0129	-0.25	-0.10	0.21	0.03
GMP751N	GMP752N	0.0101	0.0086	0.0103	0.15	-0.18	-0.18	0.03
GMP752N	GMP753N	0.0103	0.0087	0.0105	-0.01	0.83	0.15	0.26
GMP751N	GMP753N	0.0109	0.0093	0.0112	0.01	0.63	-0.05	0.14
GMP750N	GMP751N	0.0112	0.0091	0.0119	-0.31	0.20	0.23	0.05
GMP758N	GMP759	0.0098	0.0081	0.0112	1.05	-0.89	-0.60	0.64
GMP758N	GMP760	0.0102	0.0081	0.0115	-1.78	1.89	0.89	2.12
GMP759	GMP760	0.0081	0.0029	0.0089	-2.53	2.30	1.55	3.62
GMP754N	GMP759	0.0112	0.0094	0.0130	0.73	-0.83	-0.40	0.40

GMP753N	GMP758N	0.0121	0.0101	0.0139	-0.40	1.02	0.00	0.37
GMP754N	GMP758N	0.0107	0.0089	0.0124	-0.41	0.19	0.32	0.09
GMP753N	GMP754N	0.0106	0.0089	0.0116	0.35	0.50	0.11	0.18
GMP768	GMP770	0.0109	0.0090	0.0113	0.35	-0.05	-0.83	0.24
GMP768	GMP769N	0.0117	0.0086	0.0121	1.51	0.39	-1.32	1.04
GMP766	GMP768	0.0081	0.0031	0.0090	-2.00	-1.77	2.61	3.34
GMP767	GMP768	0.0077	0.0028	0.0085	-2.76	-0.44	2.71	3.33
GMP767	GMP769N	0.0129	0.0088	0.0134	-1.25	0.11	1.39	0.78
GMP766	GMP767	0.0078	0.0029	0.0086	0.79	-1.31	-0.16	0.69
GMP770	GMP771N	0.0101	0.0086	0.0107	0.31	-0.26	-0.15	0.05
GMP770	GMP772	0.0097	0.0088	0.0103	0.35	0.15	-0.16	0.06
GMP771N	GMP773N	0.0100	0.0089	0.0104	0.44	0.04	-0.54	0.14
GMP771N	GMP772	0.0096	0.0084	0.0102	-0.16	0.27	-0.08	0.03
GMP772	GMP773N	0.0094	0.0082	0.0095	0.08	-0.20	0.38	0.06
GMP772	GMP774N	0.0094	0.0086	0.0095	0.08	0.64	-0.62	0.26
GMP778	GMP779N	0.0105	0.0088	0.0110	3.24	0.49	3.17	10.65
GMP779N	GMP781N	0.0109	0.0094	0.0114	-1.69	-0.49	-2.27	4.03
GMP779N	GMP780N	0.0105	0.0089	0.0110	-1.59	-0.19	-2.00	3.35
GMP778	GMP780N	0.0097	0.0089	0.0100	3.84	1.15	3.37	13.51
GMP780N	GMP782	0.0099	0.0088	0.0101	1.24	0.65	0.68	1.21
GMP780N	GMP781N	0.0101	0.0085	0.0104	0.94	0.28	0.66	0.75
GMP781N	GMP782	0.0101	0.0085	0.0104	-0.33	0.00	-0.33	0.12
GMP781N	GMP783N	0.0106	0.0090	0.0110	-0.29	-0.18	-1.12	0.59
GMP782	GMP784N	0.0097	0.0087	0.0100	0.36	0.47	0.24	0.18
GMP782	GMP783N	0.0087	0.0079	0.0089	0.45	0.15	0.07	0.09
GMP783N	GMP785N	0.0100	0.0090	0.0105	0.13	0.10	-0.31	0.04
GMP783N	GMP784N	0.0088	0.0080	0.0090	0.09	-0.10	-0.61	0.13
GMP784N	GMP785N	0.0094	0.0084	0.0099	0.13	0.22	-0.07	0.02
GMP784N	GMP786N	0.0097	0.0088	0.0100	0.34	0.15	-0.37	0.08
GMP785N	GMP787N	0.0113	0.0095	0.0119	0.39	0.51	-0.10	0.17
GMP785N	GMP786N	0.0098	0.0085	0.0103	-0.09	-0.16	-0.30	0.05
GMP788	GMP790	0.0083	0.0032	0.0092	-1.53	-0.60	1.65	1.20
GMP789	GMP790	0.0081	0.0031	0.0090	-1.41	-0.64	1.65	1.12
GMP787N	GMP789	0.0118	0.0083	0.0119	0.22	0.02	0.03	0.03
GMP788	GMP789	0.0072	0.0026	0.0079	-0.14	0.02	0.00	0.01
GMP787N	GMP788	0.0109	0.0082	0.0108	0.27	0.24	-0.25	0.06
GMP786N	GMP788	0.0106	0.0088	0.0106	0.12	0.19	-0.52	0.10
GMP786N	GMP787N	0.0106	0.0086	0.0108	0.13	-0.20	-0.15	0.02
GMP743N	GMP745N	0.0094	0.0086	0.0094	0.24	2.24	0.76	1.95
GMP743N	GMP744N	0.0084	0.0078	0.0084	-0.22	-1.07	-0.41	0.48
GMP742N	GMP743N	0.0093	0.0086	0.0093	0.00	1.05	0.30	0.41
GMP742N	GMP744N	0.0088	0.0079	0.0089	-0.24	-0.15	-0.27	0.07
GMP769N	GMP770	0.0111	0.0090	0.0115	0.33	-0.07	0.50	0.22
GMP769N	GMP771N	0.0113	0.0094	0.0116	-0.04	0.61	-0.50	0.20
GMP773N	GMP775	0.0104	0.0091	0.0108	0.22	-0.05	-0.22	0.03
GMP773N	GMP774N	0.0095	0.0083	0.0097	0.29	-0.13	0.10	0.04
GMP774N	GMP776	0.0090	0.0085	0.0093	0.54	0.34	-0.01	0.15
GMP774N	GMP775	0.0083	0.0078	0.0085	-0.17	0.15	-0.44	0.08
GMP775	GMP776	0.0080	0.0077	0.0082	0.61	0.14	0.34	0.18
GMP775	GMP777	0.0088	0.0084	0.0090	-0.66	-0.04	-1.03	0.54
GMP776	GMP777	0.0081	0.0077	0.0082	-1.01	-0.21	-1.41	1.11
GMP776	GMP778	0.0092	0.0085	0.0093	2.41	0.72	1.99	4.05
GMP777	GMP778	0.0087	0.0079	0.0088	3.64	0.78	3.32	9.89
GMP777	GMP779N	0.0116	0.0095	0.0119	-6.88	-1.20	-7.61	54.23
GMP796	GMP797	0.0094	0.0035	0.0105	-0.32	0.91	-0.07	0.28
GMP796	GMP798	0.0094	0.0041	0.0106	0.14	-0.02	-0.16	0.01
GMP797	GMP798	0.0102	0.0038	0.0113	0.43	-0.86	-0.01	0.27
GMP799N	GMP800	0.0079	0.0069	0.0081	-1.10	-1.99	1.45	2.18
GMP798	GMP799N	0.0100	0.0075	0.0107	-1.22	-0.74	1.52	1.08
GMP799N	GMP801	0.0086	0.0071	0.0091	0.03	1.33	-0.20	0.60
GMP798	GMP800	0.0086	0.0039	0.0096	-1.85	-2.17	2.72	3.91
GMP801	GMP802	0.0076	0.0047	0.0086	-1.01	0.11	1.12	0.53
GMP800	GMP802	0.0077	0.0054	0.0089	-0.55	3.04	-0.90	3.51
GMP800	GMP801	0.0062	0.0023	0.0068	0.72	2.69	-1.86	3.31

GNSS Baseline Vector Residuals

From Station	Target Point	Adj. Vector	Resid [m]	Resid [ppm]
GMP644	GMP646	289.2099	0.0162	55.9
GMP644	GMP645	135.2269	0.0050	37.1
GMP645	GMP646	169.3302	0.0154	90.7
GMP645	GMP647N	291.0600	0.0118	40.5

GMP646	GMP647N	129.9160	0.0099	76.4
GMP646	GMP648	244.6293	0.0081	33.0
GMP649N	GMP651N	206.8240	0.0026	12.4
GMP647N	GMP648	120.0336	0.0096	80.3
GMP647N	GMP649N	249.8917	0.0038	15.1
GMP649N	GMP650	128.8765	0.0036	28.0
GMP648	GMP650	258.2231	0.0017	6.7
GMP648	GMP649N	134.1370	0.0048	35.8
GMP650	GMP652	258.7313	0.0008	3.2
GMP651N	GMP652	179.7739	0.0035	19.5
GMP652	GMP653	99.9127	0.0011	10.6
GMP652	GMP654	241.8986	0.0007	3.0
GMP650	GMP651N	84.9274	0.0013	15.4
GMP651N	GMP653	272.0725	0.0009	3.5
GMP654	GMP655N	431.4780	0.0060	13.9
GMP654	GMP656	543.1617	0.0047	8.6
GMP655N	GMP657	278.1909	0.0234	84.1
GMP655N	GMP656	117.5085	0.0097	82.6
GMP653	GMP655N	576.3442	0.0068	11.7
GMP653	GMP654	156.7016	0.0020	12.9
GMP630	GMP631	146.5721	0.0288	196.5
GMP631	GMP632	118.7684	0.0122	102.6
GMP631	GMP633N	296.6135	0.0077	26.0
GMP630	GMP632	255.9118	0.0298	116.5
GMP632	GMP634	246.9364	0.0169	68.2
GMP632	GMP633N	184.0340	0.0148	80.2
GMP634	GMP635	135.2778	0.0065	48.0
GMP634	GMP636	255.4664	0.0456	178.3
GMP635	GMP636	128.1708	0.0416	324.6
GMP633N	GMP635	196.0351	0.0068	34.5
GMP633N	GMP634	67.3005	0.0131	194.9
GMP656	GMP658N	291.4048	0.0033	11.2
GMP658N	GMP659N	96.0775	0.0049	51.3
GMP657	GMP658N	129.6795	0.0034	26.2
GMP658N	GMP660N	194.7415	0.0068	34.8
GMP656	GMP657	169.7830	0.0065	38.1
GMP657	GMP659N	222.7175	0.0032	14.3
GMP660N	GMP661N	150.9851	0.0014	9.5
GMP659N	GMP661N	249.9997	0.0040	16.2
GMP659N	GMP660N	100.0084	0.0071	70.6
GMP661N	GMP663N	256.7436	0.0020	7.8
GMP660N	GMP662	310.7308	0.0026	8.3
GMP661N	GMP662	162.5731	0.0026	15.8
GMP663N	GMP664	134.5388	0.0025	18.7
GMP662	GMP663N	102.3246	0.0013	12.3
GMP663N	GMP665N	243.2550	0.0050	20.5
GMP662	GMP664	230.0070	0.0011	4.6
GMP664	GMP665N	113.1278	0.0069	61.4
GMP664	GMP666N	253.8425	0.0071	27.8
GMP665N	GMP666N	143.1336	0.0054	37.8
GMP665N	GMP667	227.2532	0.0056	24.5
GMP666N	GMP668	264.3718	0.0049	18.6
GMP666N	GMP667	91.0236	0.0053	58.3
GMP667	GMP668	188.9473	0.0094	49.8
GMP667	GMP669	320.9462	0.0324	100.9
GMP668	GMP669	148.0057	0.0327	221.1
GMP671	GMP672	116.1427	0.0355	305.5
GMP671	GMP673N	374.1696	0.0230	61.3
GMP670	GMP671	175.5421	0.0378	215.1
GMP672	GMP673N	269.2545	0.0148	55.1
GMP670	GMP672	275.9810	0.0027	9.6
GMP672	GMP674	349.2135	0.0080	23.0
GMP673N	GMP674	87.4614	0.0101	115.7
GMP674	GMP676N	325.1738	0.0099	30.4
GMP674	GMP675N	158.3722	0.0070	43.9
GMP673N	GMP675N	239.0264	0.0075	31.6
GMP675N	GMP677N	294.9952	0.0184	62.2
GMP675N	GMP676N	168.6014	0.0176	104.5
GMP676N	GMP678	271.1700	0.0188	69.2
GMP676N	GMP677N	127.2027	0.0111	86.9
GMP677N	GMP679	244.5273	0.0119	48.9
GMP677N	GMP678	146.6549	0.0125	85.1

GMP678	GMP687N	49.2242	0.0030	25.5
	GMP687S	117.4218		
GMP679	GMP680N	177.5171	0.0072	40.4
GMP679	GMP681	241.0007	0.0076	31.4
GMP680N	GMP682N	210.1071	0.0155	73.9
GMP680N	GMP681	79.1084	0.0090	114.3
GMP681	GMP683	249.1424	0.0091	36.5
GMP681	GMP682N	143.4844	0.0031	21.5
GMP682N	GMP684	276.9181	0.0127	45.9
GMP682N	GMP683	114.0207	0.0178	156.0
GMP683	GMP684	173.3897	0.0298	172.1
GMP684	GMP685	181.7166	0.0048	26.3
GMP683	GMP685	339.5549	0.0250	73.6
GMP689	GMP691N	187.3523	0.0125	66.6
GMP688	GMP690	246.3253	0.0348	141.2
GMP688	GMP689	161.0525	0.0106	65.9
GMP690	GMP691N	101.7302	0.0122	119.8
GMP689	GMP690	95.6000	0.0246	257.7
GMP690	GMP692	557.6334	0.0100	18.0
GMP692	GMP694N	301.7087	0.0095	31.6
GMP691N	GMP692	456.5594	0.0032	7.1
GMP691N	GMP693	600.8345	0.0016	2.6
GMP692	GMP693	145.2423	0.0045	30.7
GMP695	GMP696	142.7893	0.0074	52.1
GMP693	GMP695	273.9333	0.0058	21.0
GMP694N	GMP695	112.2712	0.0070	62.4
GMP695	GMP697	244.5151	0.0368	150.4
GMP693	GMP694N	165.6539	0.0049	29.6
GMP694N	GMP696	242.7601	0.0055	22.6
GMP696	GMP697	113.3414	0.0400	353.1
GMP701	GMP702	104.6884	0.0018	17.0
GMP701	GMP703N	243.7586	0.0041	16.7
GMP700	GMP701	167.2054	0.0053	31.8
GMP700	GMP702	250.9692	0.0049	19.5
GMP702	GMP703N	151.7583	0.0073	48.2
GMP702	GMP704	262.4783	0.0094	35.8
GMP703N	GMP704	113.4177	0.0086	75.8
GMP704	GMP706	662.1401	0.0048	7.2
GMP704	GMP705N	471.2798	0.0028	6.0
GMP703N	GMP705N	577.3992	0.0078	13.6
GMP705N	GMP706	194.4486	0.0033	17.0
GMP705N	GMP707	325.9708	0.0045	13.7
GMP706	GMP708	243.2457	0.0041	16.9
GMP708	GMP709	122.5919	0.0022	17.9
GMP708	GMP710	233.8008	0.0035	14.8
GMP706	GMP707	134.0005	0.0028	21.0
GMP707	GMP708	120.7956	0.0016	13.6
GMP707	GMP709	234.0667	0.0039	16.6
GMP710	GMP711N	144.2857	0.0025	17.3
GMP710	GMP712	290.8242	0.0037	12.6
GMP709	GMP710	122.4543	0.0025	20.8
GMP709	GMP711N	260.8506	0.0035	13.6
GMP711N	GMP712	149.2895	0.0015	10.3
GMP711N	GMP713	262.0870	0.0045	17.1
GMP712	GMP713	120.7848	0.0033	27.1
GMP713	GMP714N	344.8684	0.0025	7.2
GMP713	GMP715	457.3152	0.0092	20.1
GMP712	GMP714N	455.9685	0.0023	5.0
GMP714N	GMP716	270.9514	0.0123	45.6
GMP714N	GMP715	113.6913	0.0111	97.3
GMP716	GMP717	126.0188	0.0111	88.4
GMP715	GMP717	294.3194	0.0209	71.2
GMP715	GMP716	174.5591	0.0233	133.5
GMP720	GMP722	305.0220	0.0091	30.0
GMP720	GMP721	157.9827	0.0181	114.8
GMP721	GMP722	165.7704	0.0120	72.1
GMP722	GMP723N	188.9727	0.0049	26.0
GMP722	GMP724	280.0092	0.0039	13.8
GMP721	GMP723N	330.6502	0.0070	21.1
GMP723N	GMP725N	198.6892	0.0006	3.2
GMP724	GMP725N	102.4232	0.0018	17.6
GMP725N	GMP726	94.7370	0.0025	26.1
GMP725N	GMP727	245.0008	0.0045	18.4

GMP723N	GMP724	104.5735	0.0012	11.9
GMP724	GMP726	196.9615	0.0022	11.2
GMP727	GMP728N	60.8421	0.0338	555.4
GMP726	GMP727	150.9486	0.0095	62.9
GMP727	GMP729N	171.3574	0.0020	11.7
GMP728N	GMP729N	114.9987	0.0100	87.1
GMP726	GMP728N	208.5289	0.0029	14.1
GMP728N	GMP730N	230.1247	0.0051	22.2
GMP731N	GMP733N	170.1254	0.0028	16.4
GMP730N	GMP731N	209.7799	0.0149	70.9
GMP731N	GMP732N	102.8206	0.0039	38.1
GMP729N	GMP731N	324.8229	0.0056	17.3
GMP729N	GMP730N	116.0109	0.0073	62.6
GMP730N	GMP732N	311.9206	0.0062	19.8
GMP732N	GMP734N	95.4044	0.0051	52.9
GMP732N	GMP733N	68.5533	0.0187	272.3
GMP736	GMP737N	78.5767	0.0068	87.0
GMP736	GMP738N	396.7123	0.0040	10.0
GMP737N	GMP739	158.2726	0.0028	17.6
GMP737N	GMP738N	321.1402	0.0028	8.7
GMP739	GMP740N	469.9170	0.0015	3.1
GMP739	GMP738N	165.8188	0.0032	19.4
GMP738N	GMP741N	359.0206	0.0042	11.7
GMP738N	GMP740N	322.3599	0.0019	6.0
GMP740N	GMP741N	60.0844	0.0031	50.8
GMP740N	GMP742N	84.0567	0.0038	45.0
GMP741N	GMP744N	154.7801	0.0075	48.1
GMP741N	GMP742N	64.7536	0.0074	114.9
GMP733N	GMP734N	30.0979	0.0019	62.9
GMP733N	GMP735N	247.0700	0.0056	22.7
GMP734N	GMP735N	219.2794	0.0019	8.7
GMP735N	GMP736	126.1817	0.0068	54.3
GMP735N	GMP737N	191.9911	0.0068	35.7
GMP734N	GMP736	320.6287	0.0069	21.7
GMP744N	GMP745N	166.4799	0.0105	63.3
GMP744N	GMP746N	258.3842	0.0063	24.4
GMP746N	GMP748N	229.8792	0.0015	6.6
GMP745N	GMP746N	99.9104	0.0049	48.5
GMP746N	GMP747N	103.5590	0.0014	13.4
GMP745N	GMP747N	194.0206	0.0045	23.0
GMP748N	GMP749N	168.3565	0.0028	16.8
GMP748N	GMP750N	279.8984	0.0033	11.8
GMP747N	GMP748N	132.7880	0.0007	5.6
GMP747N	GMP749N	294.8479	0.0087	29.6
GMP749N	GMP750N	122.3062	0.0114	93.5
GMP749N	GMP751N	181.5080	0.0098	54.0
GMP752N	GMP754N	233.4778	0.0118	50.7
GMP750N	GMP752N	217.5725	0.0034	15.6
GMP751N	GMP752N	156.7138	0.0025	15.8
GMP752N	GMP753N	49.4462	0.0096	193.5
GMP751N	GMP753N	195.6607	0.0051	26.3
GMP750N	GMP751N	65.2249	0.0034	52.4
GMP758N	GMP759	162.9113	0.0153	94.0
GMP758N	GMP760	252.2699	0.0246	97.7
GMP759	GMP760	99.1892	0.0400	403.5
GMP754N	GMP759	833.5461	0.0102	12.3
GMP753N	GMP758N	863.6560	0.0101	11.6
GMP754N	GMP758N	672.7735	0.0058	8.6
GMP753N	GMP754N	192.5009	0.0099	51.2
GMP768	GMP770	491.9780	0.0065	13.3
GMP768	GMP769N	382.0800	0.0218	57.1
GMP766	GMP768	270.8297	0.0374	138.0
GMP767	GMP768	127.5957	0.0378	296.1
GMP767	GMP769N	504.3790	0.0182	36.0
GMP766	GMP767	152.7761	0.0166	108.4
GMP770	GMP771N	126.6700	0.0040	31.3
GMP770	GMP772	268.9311	0.0030	11.0
GMP771N	GMP773N	300.0119	0.0052	17.5
GMP771N	GMP772	146.7552	0.0032	21.9
GMP772	GMP773N	157.9386	0.0048	30.2
GMP772	GMP774N	444.2606	0.0063	14.2
GMP778	GMP779N	325.9209	0.1014	311.2

GMP779N	GMP780N	122.7762	0.0618	503.6
GMP778	GMP780N	447.5283	0.0369	82.4
GMP780N	GMP782	205.7285	0.0130	63.4
GMP780N	GMP781N	103.1961	0.0242	234.5
GMP781N	GMP782	105.6951	0.0119	112.9
GMP781N	GMP783N	270.8824	0.0148	54.7
GMP782	GMP784N	237.1637	0.0069	29.3
GMP782	GMP783N	171.7143	0.0046	26.6
GMP783N	GMP785N	186.9888	0.0029	15.3
GMP783N	GMP784N	67.5330	0.0058	86.3
GMP784N	GMP785N	120.9819	0.0030	24.7
GMP784N	GMP786N	377.1359	0.0036	9.5
GMP785N	GMP787N	421.7899	0.0074	17.5
GMP785N	GMP786N	256.5104	0.0059	23.1
GMP788	GMP790	253.8815	0.0224	88.3
GMP789	GMP790	169.3480	0.0215	127.0
GMP787N	GMP789	263.6307	0.0051	19.3
GMP788	GMP789	121.3086	0.0017	13.7
GMP787N	GMP788	166.9425	0.0049	29.6
GMP786N	GMP788	329.7572	0.0041	12.4
GMP786N	GMP787N	165.6373	0.0030	17.9
GMP743N	GMP745N	162.4868	0.0199	122.4
GMP743N	GMP744N	48.7024	0.0105	214.8
GMP742N	GMP743N	95.0467	0.0085	89.5
GMP742N	GMP744N	118.1938	0.0037	31.7
GMP769N	GMP770	112.7929	0.0170	150.7
GMP769N	GMP771N	235.0172	0.0060	25.4
GMP773N	GMP775	380.3835	0.0027	7.2
GMP773N	GMP774N	288.4844	0.0043	14.9
GMP774N	GMP776	210.1814	0.0054	25.6
GMP774N	GMP775	95.7906	0.0042	44.3
GMP775	GMP776	125.5964	0.0067	53.6
GMP775	GMP777	253.3321	0.0104	41.1
GMP776	GMP777	142.7096	0.0160	112.0
GMP776	GMP778	222.1639	0.0304	136.8
GMP777	GMP778	96.8635	0.0476	491.4
GMP777	GMP779N	412.1285	0.2074	503.1
GMP796	GMP797	177.3721	0.0110	62.3
GMP796	GMP798	246.5084	0.0021	8.7
GMP797	GMP798	92.3035	0.0114	123.4
GMP799N	GMP800	144.8661	0.0230	158.6
GMP798	GMP799N	106.1414	0.0181	170.2
GMP799N	GMP801	266.1986	0.0127	47.6
GMP798	GMP800	247.3862	0.0405	163.5
GMP801	GMP802	383.9293	0.0143	37.3
GMP800	GMP802	506.6332	0.0323	63.8
GMP800	GMP801	129.2449	0.0363	280.9

Testing and Estimated Errors

Coordinate Tests

Station		MDB	Redundancy	BNR	W-Test	Est Error	T-Test
GMP630	WGS84 Latitude	-	-	-	-	-	-
	WGS84 Longitude	-	-	-	-	-	
	Height	-	-	-	-	-	
GMP631	WGS84 Latitude	-	-	-	-	-	-
	WGS84 Longitude	-	-	-	-	-	
	Height	-	-	-	-	-	
GMP632	WGS84 Latitude	-	-	-	-	-	-
	WGS84 Longitude	-	-	-	-	-	
	Height	-	-	-	-	-	
GMP634	WGS84 Latitude	-	-	-	-	-	-
	WGS84 Longitude	-	-	-	-	-	
	Height	-	-	-	-	-	

GMP635	WGS84 Latitude	-	-	-	-	-	-
	WGS84 Longitude	-	-	-	-	-	
	Height	-	-	-	-	-	
GMP636	WGS84 Latitude	-	-	-	-	-	-
	WGS84 Longitude	-	-	-	-	-	
	Height	-	-	-	-	-	
GMP644	WGS84 Latitude	-	-	-	-	-	-
	WGS84 Longitude	-	-	-	-	-	
	Height	-	-	-	-	-	
GMP645	WGS84 Latitude	-	-	-	-	-	-
	WGS84 Longitude	-	-	-	-	-	
	Height	-	-	-	-	-	
GMP646	WGS84 Latitude	-	-	-	-	-	-
	WGS84 Longitude	-	-	-	-	-	
	Height	-	-	-	-	-	
GMP667	WGS84 Latitude	-	-	-	-	-	-
	WGS84 Longitude	-	-	-	-	-	
	Height	-	-	-	-	-	
GMP668	WGS84 Latitude	-	-	-	-	-	-
	WGS84 Longitude	-	-	-	-	-	
	Height	-	-	-	-	-	
GMP669	WGS84 Latitude	-	-	-	-	-	-
	WGS84 Longitude	-	-	-	-	-	
	Height	-	-	-	-	-	
GMP670	WGS84 Latitude	-	-	-	-	-	-
	WGS84 Longitude	-	-	-	-	-	
	Height	-	-	-	-	-	
GMP671	WGS84 Latitude	-	-	-	-	-	-
	WGS84 Longitude	-	-	-	-	-	
	Height	-	-	-	-	-	
GMP672	WGS84 Latitude	-	-	-	-	-	-
	WGS84 Longitude	-	-	-	-	-	
	Height	-	-	-	-	-	
GMP683	WGS84 Latitude	-	-	-	-	-	-
	WGS84 Longitude	-	-	-	-	-	
	Height	-	-	-	-	-	
GMP684	WGS84 Latitude	-	-	-	-	-	-
	WGS84 Longitude	-	-	-	-	-	
	Height	-	-	-	-	-	
GMP685	WGS84 Latitude	-	-	-	-	-	-
	WGS84 Longitude	-	-	-	-	-	
	Height	-	-	-	-	-	
GMP688	WGS84 Latitude	-	-	-	-	-	-
	WGS84 Longitude	-	-	-	-	-	
	Height	-	-	-	-	-	
	WGS84 Latitude	-	-	-	-	-	-
	WGS84						

GMP689	Longitude	-	-	-	-	-	
	Height	-	-	-	-	-	
GMP690	WGS84 Latitude	-	-	-	-	-	-
	WGS84 Longitude	-	-	-	-	-	
	Height	-	-	-	-	-	
GMP695	WGS84 Latitude	-	-	-	-	-	-
	WGS84 Longitude	-	-	-	-	-	
	Height	-	-	-	-	-	
GMP696	WGS84 Latitude	-	-	-	-	-	-
	WGS84 Longitude	-	-	-	-	-	
	Height	-	-	-	-	-	
GMP697	WGS84 Latitude	-	-	-	-	-	-
	WGS84 Longitude	-	-	-	-	-	
	Height	-	-	-	-	-	
GMP700	WGS84 Latitude	-	-	-	-	-	-
	WGS84 Longitude	-	-	-	-	-	
	Height	-	-	-	-	-	
GMP701	WGS84 Latitude	-	-	-	-	-	-
	WGS84 Longitude	-	-	-	-	-	
	Height	-	-	-	-	-	
GMP702	WGS84 Latitude	-	-	-	-	-	-
	WGS84 Longitude	-	-	-	-	-	
	Height	-	-	-	-	-	
GMP715	WGS84 Latitude	-	-	-	-	-	-
	WGS84 Longitude	-	-	-	-	-	
	Height	-	-	-	-	-	
GMP716	WGS84 Latitude	-	-	-	-	-	-
	WGS84 Longitude	-	-	-	-	-	
	Height	-	-	-	-	-	
GMP717	WGS84 Latitude	-	-	-	-	-	-
	WGS84 Longitude	-	-	-	-	-	
	Height	-	-	-	-	-	
GMP720	WGS84 Latitude	-	-	-	-	-	-
	WGS84 Longitude	-	-	-	-	-	
	Height	-	-	-	-	-	
GMP721	WGS84 Latitude	-	-	-	-	-	-
	WGS84 Longitude	-	-	-	-	-	
	Height	-	-	-	-	-	
GMP722	WGS84 Latitude	-	-	-	-	-	-
	WGS84 Longitude	-	-	-	-	-	
	Height	-	-	-	-	-	
GMP759	WGS84 Latitude	-	-	-	-	-	-
	WGS84 Longitude	-	-	-	-	-	
	Height	-	-	-	-	-	
GMP760	WGS84 Latitude	-	-	-	-	-	-
	WGS84 Longitude	-	-	-	-	-	
	Height	-	-	-	-	-	

GMP766	WGS84 Latitude	-	-	-	-	-	-
	WGS84 Longitude	-	-	-	-	-	
	Height	-	-	-	-	-	
GMP767	WGS84 Latitude	-	-	-	-	-	-
	WGS84 Longitude	-	-	-	-	-	
	Height	-	-	-	-	-	
GMP768	WGS84 Latitude	-	-	-	-	-	-
	WGS84 Longitude	-	-	-	-	-	
	Height	-	-	-	-	-	
GMP788	WGS84 Latitude	-	-	-	-	-	-
	WGS84 Longitude	-	-	-	-	-	
	Height	-	-	-	-	-	
GMP789	WGS84 Latitude	-	-	-	-	-	-
	WGS84 Longitude	-	-	-	-	-	
	Height	-	-	-	-	-	
GMP790	WGS84 Latitude	-	-	-	-	-	-
	WGS84 Longitude	-	-	-	-	-	
	Height	-	-	-	-	-	
GMP796	WGS84 Latitude	-	-	-	-	-	-
	WGS84 Longitude	-	-	-	-	-	
	Height	-	-	-	-	-	
GMP797	WGS84 Latitude	-	-	-	-	-	-
	WGS84 Longitude	-	-	-	-	-	
	Height	-	-	-	-	-	
GMP798	WGS84 Latitude	-	-	-	-	-	-
	WGS84 Longitude	-	-	-	-	-	
	Height	-	-	-	-	-	
GMP800	WGS84 Latitude	-	-	-	-	-	-
	WGS84 Longitude	-	-	-	-	-	
	Height	-	-	-	-	-	
GMP801	WGS84 Latitude	-	-	-	-	-	-
	WGS84 Longitude	-	-	-	-	-	
	Height	-	-	-	-	-	
GMP802	WGS84 Latitude	-	-	-	-	-	-
	WGS84 Longitude	-	-	-	-	-	
	Height	-	-	-	-	-	

Observation Tests

	Station	Target	MDB	Redundancy	BNR	W-Test	Est Error	T-Test
ΔX	GMP644	GMP646	0.0396 m	70	1.71	-0.92	-	0.67
ΔY			0.0325 m	96	0.51	1.11	-	-
ΔZ			0.0417 m	65	1.93	0.59	-	-
ΔX	GMP644	GMP645	0.0392 m	72	1.64	-0.40	-	0.07
ΔY			0.0325 m	96	0.50	-0.15	-	-
ΔZ			0.0412 m	67	1.85	0.28	-	-
ΔX	GMP645	GMP646	0.0381 m	75	1.54	-0.56	-	0.61
ΔY			0.0325 m	97	0.47	1.26	-	-
ΔZ			0.0405 m	72	1.68	0.25	-	-
ΔX	GMP645	GMP647N	0.0542 m	57	2.39	-0.50	-	0.41
ΔY			0.0437 m	63	2.13	0.91	-	-
ΔZ			0.0608 m	60	2.25	-0.48	-	-
ΔX			0.0533 m	64	2.09	0.09	-	0.18

ΔY	GMP646	GMP647N	0.0438 m	64	2.08	-0.53	-	-
ΔZ			0.0604 m	69	1.89	-0.42	-	-
ΔX			0.0562 m	33	3.92	0.24	-	0.47
ΔY	GMP646	GMP648	0.0466 m	46	3.00	-0.44	-	-
ΔZ			0.0582 m	33	3.98	1.04	-	-
ΔX			0.0803 m	73	1.99	-0.06	-	0.00
ΔY	GMP649N	GMP651N	0.0588 m	64	2.16	-0.09	-	-
ΔZ			0.0731 m	68	2.13	0.05	-	-
ΔX			0.0578 m	65	2.11	-0.25	-	0.15
ΔY	GMP647N	GMP648	0.0467 m	60	2.28	0.26	-	-
ΔZ			0.0558 m	61	2.29	-0.50	-	-
ΔX			0.0621 m	36	3.67	-0.19	-	0.07
ΔY	GMP647N	GMP649N	0.0500 m	44	3.17	0.15	-	-
ΔZ			0.0597 m	36	3.68	-0.35	-	-
ΔX			0.0652 m	63	2.23	-0.10	-	0.02
ΔY	GMP649N	GMP650	0.0500 m	58	2.39	0.09	-	-
ΔZ			0.0603 m	61	2.31	-0.13	-	-
ΔX			0.0640 m	26	4.64	-0.04	-	0.03
ΔY	GMP648	GMP650	0.0497 m	41	3.36	-0.05	-	-
ΔZ			0.0606 m	29	4.38	0.27	-	-
ΔX			0.0633 m	68	2.02	0.04	-	0.03
ΔY	GMP648	GMP649N	0.0488 m	61	2.24	-0.13	-	-
ΔZ			0.0586 m	65	2.11	0.26	-	-
ΔX			0.0523 m	39	3.47	-0.09	-	0.00
ΔY	GMP650	GMP652	0.0472 m	46	3.04	-0.05	-	-
ΔZ			0.0537 m	39	3.48	-0.02	-	-
ΔX			0.0487 m	62	2.37	0.03	-	0.02
ΔY	GMP651N	GMP652	0.0438 m	56	2.49	0.08	-	-
ΔZ			0.0512 m	64	2.28	0.19	-	-
ΔX			0.0446 m	53	2.64	-0.01	-	0.01
ΔY	GMP652	GMP653	0.0429 m	55	2.53	-0.04	-	-
ΔZ			0.0457 m	52	2.66	0.12	-	-
ΔX			0.0498 m	43	3.21	-0.04	-	0.00
ΔY	GMP652	GMP654	0.0466 m	47	2.97	0.08	-	-
ΔZ			0.0514 m	44	3.16	0.03	-	-
ΔX			0.0500 m	43	3.19	-0.03	-	0.01
ΔY	GMP650	GMP651N	0.0453 m	50	2.79	0.08	-	-
ΔZ			0.0504 m	45	3.10	0.14	-	-
ΔX			0.0506 m	41	3.31	-0.10	-	0.01
ΔY	GMP651N	GMP653	0.0468 m	46	3.01	-0.07	-	-
ΔZ			0.0521 m	40	3.38	-0.01	-	-
ΔX			0.0583 m	64	2.15	-0.07	-	0.06
ΔY	GMP654	GMP655N	0.0497 m	61	2.25	-0.12	-	-
ΔZ			0.0609 m	64	2.13	0.42	-	-
ΔX			0.0588 m	30	4.24	-0.12	-	0.19
ΔY	GMP654	GMP656	0.0497 m	41	3.36	0.24	-	-
ΔZ			0.0613 m	28	4.43	-0.69	-	-
ΔX			0.0634 m	56	2.52	-0.31	-	1.02
ΔY	GMP655N	GMP657	0.0533 m	55	2.58	-0.52	-	-
ΔZ			0.0662 m	57	2.49	1.73	-	-
ΔX			0.0586 m	63	2.18	0.23	-	0.18
ΔY	GMP655N	GMP656	0.0498 m	61	2.26	0.21	-	-
ΔZ			0.0612 m	64	2.15	-0.73	-	-
ΔX			0.0619 m	56	2.58	0.01	-	0.08
ΔY	GMP653	GMP655N	0.0525 m	53	2.64	-0.16	-	-
ΔZ			0.0645 m	56	2.57	0.47	-	-
ΔX			0.0463 m	47	2.97	-0.11	-	0.02
ΔY	GMP653	GMP654	0.0438 m	52	2.70	0.04	-	-
ΔZ			0.0473 m	45	3.08	-0.23	-	-
ΔX			0.0387 m	70	1.73	-2.05	-	1.24
ΔY	GMP630	GMP631	0.0324 m	97	0.46	1.55	-	-
ΔZ			0.0406 m	66	1.91	1.45	-	-
ΔX			0.0371 m	75	1.52	0.37	-	0.41
ΔY	GMP631	GMP632	0.0323 m	97	0.49	0.72	-	-
ΔZ			0.0389 m	70	1.73	-0.90	-	-
ΔX			0.0475 m	60	2.19	-0.14	-	0.15
ΔY	GMP631	GMP633N	0.0394 m	74	1.65	-0.02	-	-
ΔZ			0.0517 m	60	2.24	0.66	-	-
ΔX			0.0402 m	64	2.03	-1.74	-	1.39
ΔY	GMP630	GMP632	0.0324 m	96	0.50	2.27	-	-
ΔZ			0.0425 m	59	2.26	0.57	-	-
ΔX			0.0400 m	64	2.04	-1.37	-	1.02

ΔZ	GMP632	GMP634	0.0421 m	39	2.26	-0.88	-	-
ΔX	GMP632	GMP633N	0.0441 m	66	1.93	-0.34	-	0.64
ΔY			0.0389 m	74	1.66	-0.71	-	-
ΔZ			0.0469 m	66	1.94	1.25	-	-
ΔX	GMP634	GMP635	0.0378 m	75	1.53	0.37	-	0.12
ΔY			0.0327 m	97	0.42	0.04	-	-
ΔZ			0.0389 m	70	1.75	-0.56	-	-
ΔX	GMP634	GMP636	0.0404 m	64	2.05	1.53	-	1.77
ΔY			0.0326 m	96	0.50	3.15	-	-
ΔZ			0.0422 m	58	2.33	-2.83	-	-
ΔX	GMP635	GMP636	0.0389 m	73	1.55	0.95	-	1.26
ΔY			0.0332 m	97	0.44	3.03	-	-
ΔZ			0.0407 m	66	1.90	-2.06	-	-
ΔX	GMP633N	GMP635	0.0485 m	60	2.21	-0.15	-	0.14
ΔY			0.0402 m	76	1.56	-0.31	-	-
ΔZ			0.0504 m	57	2.36	0.58	-	-
ΔX	GMP633N	GMP634	0.0429 m	63	2.09	-0.33	-	0.57
ΔY			0.0388 m	73	1.70	-0.43	-	-
ΔZ			0.0448 m	61	2.17	1.25	-	-
ΔX	GMP656	GMP658N	0.0528 m	43	3.24	0.08	-	0.06
ΔY			0.0474 m	47	3.00	0.17	-	-
ΔZ			0.0537 m	42	3.26	-0.38	-	-
ΔX	GMP658N	GMP659N	0.0554 m	59	2.33	-0.35	-	0.05
ΔY			0.0462 m	58	2.40	0.05	-	-
ΔZ			0.0573 m	60	2.29	-0.05	-	-
ΔX	GMP657	GMP658N	0.0481 m	50	2.78	0.04	-	0.05
ΔY			0.0440 m	54	2.60	-0.11	-	-
ΔZ			0.0490 m	50	2.81	0.37	-	-
ΔX	GMP658N	GMP660N	0.0606 m	49	2.88	0.51	-	0.11
ΔY			0.0497 m	50	2.83	-0.01	-	-
ΔZ			0.0623 m	49	2.90	0.09	-	-
ΔX	GMP656	GMP657	0.0483 m	46	3.01	0.02	-	0.22
ΔY			0.0444 m	51	2.72	0.25	-	-
ΔZ			0.0492 m	45	3.08	-0.79	-	-
ΔX	GMP657	GMP659N	0.0584 m	48	2.94	-0.31	-	0.04
ΔY			0.0490 m	49	2.86	-0.08	-	-
ΔZ			0.0602 m	48	2.95	0.15	-	-
ΔX	GMP660N	GMP661N	0.0534 m	61	2.29	0.13	-	0.01
ΔY			0.0463 m	59	2.35	-0.07	-	-
ΔZ			0.0540 m	61	2.28	-0.03	-	-
ΔX	GMP659N	GMP661N	0.0562 m	37	3.61	-0.33	-	0.10
ΔY			0.0484 m	45	3.10	0.06	-	-
ΔZ			0.0571 m	37	3.63	0.48	-	-
ΔX	GMP659N	GMP660N	0.0529 m	57	2.47	-0.30	-	0.10
ΔY			0.0455 m	56	2.48	-0.08	-	-
ΔZ			0.0537 m	56	2.49	-0.37	-	-
ΔX	GMP661N	GMP663N	0.0564 m	51	2.80	-0.14	-	0.02
ΔY			0.0491 m	50	2.78	0.02	-	-
ΔZ			0.0585 m	50	2.82	0.19	-	-
ΔX	GMP660N	GMP662	0.0573 m	44	3.13	0.03	-	0.03
ΔY			0.0491 m	48	2.92	-0.02	-	-
ΔZ			0.0577 m	42	3.28	-0.28	-	-
ΔX	GMP661N	GMP662	0.0517 m	56	2.47	-0.06	-	0.02
ΔY			0.0456 m	57	2.45	-0.03	-	-
ΔZ			0.0529 m	57	2.45	0.24	-	-
ΔX	GMP663N	GMP664	0.0460 m	52	2.67	0.05	-	0.03
ΔY			0.0436 m	55	2.55	-0.04	-	-
ΔZ			0.0499 m	51	2.74	0.26	-	-
ΔX	GMP662	GMP663N	0.0463 m	51	2.73	-0.02	-	0.01
ΔY			0.0436 m	54	2.57	0.01	-	-
ΔZ			0.0490 m	52	2.70	-0.13	-	-
ΔX	GMP663N	GMP665N	0.0541 m	50	2.83	-0.21	-	0.05
ΔY			0.0485 m	50	2.80	0.08	-	-
ΔZ			0.0622 m	54	2.62	-0.29	-	-
ΔX	GMP662	GMP664	0.0504 m	41	3.32	-0.01	-	0.01
ΔY			0.0468 m	46	3.01	-0.06	-	-
ΔZ			0.0537 m	40	3.44	0.13	-	-
ΔX	GMP664	GMP665N	0.0493 m	59	2.37	-0.26	-	0.09
ΔY			0.0450 m	58	2.40	0.11	-	-
ΔZ			0.0571 m	63	2.16	-0.39	-	-
ΔX	GMP664	GMP666N	0.0527 m	39	3.51	0.32	-	0.31
ΔY			0.0475 m	45	3.07	-0.22	-	-

ΔZ			0.0576 m	36	3.70	0.84	-	-
ΔX	GMP665N	GMP666N	0.0492 m	57	2.42	-0.18	-	0.07
ΔY			0.0447 m	57	2.41	-0.06	-	-
ΔZ			0.0517 m	55	2.53	-0.36	-	-
ΔX	GMP665N	GMP667	0.0543 m	56	2.53	-0.30	-	0.08
ΔY			0.0477 m	55	2.55	0.25	-	-
ΔZ			0.0567 m	55	2.57	-0.26	-	-
ΔX	GMP666N	GMP668	0.0455 m	51	2.70	0.49	-	0.10
ΔY			0.0408 m	61	2.23	-0.28	-	-
ΔZ			0.0468 m	49	2.81	-0.20	-	-
ΔX	GMP666N	GMP667	0.0437 m	56	2.48	-0.37	-	0.12
ΔY			0.0406 m	62	2.21	0.04	-	-
ΔZ			0.0446 m	54	2.55	0.52	-	-
ΔX	GMP667	GMP668	0.0366 m	79	1.39	0.67	-	0.23
ΔY			0.0323 m	97	0.45	-0.25	-	-
ΔZ			0.0380 m	74	1.58	-0.62	-	-
ΔX	GMP667	GMP669	0.0384 m	71	1.71	0.47	-	1.75
ΔY			0.0324 m	97	0.49	2.60	-	-
ΔZ			0.0402 m	66	1.94	-1.54	-	-
ΔX	GMP668	GMP669	0.0377 m	72	1.67	-0.23	-	1.79
ΔY			0.0323 m	97	0.50	2.86	-	-
ΔZ			0.0394 m	67	1.90	-0.87	-	-
ΔX	GMP671	GMP672	0.0367 m	77	1.45	-0.57	-	1.30
ΔY			0.0322 m	97	0.46	-2.80	-	-
ΔZ			0.0383 m	72	1.65	1.70	-	-
ΔX	GMP671	GMP673N	0.0475 m	57	2.38	-0.06	-	1.98
ΔY			0.0414 m	64	2.08	-2.35	-	-
ΔZ			0.0503 m	56	2.42	0.86	-	-
ΔX	GMP670	GMP671	0.0379 m	71	1.69	0.61	-	1.72
ΔY			0.0323 m	97	0.49	3.02	-	-
ΔZ			0.0397 m	66	1.91	-1.81	-	-
ΔX	GMP672	GMP673N	0.0462 m	63	2.12	0.50	-	0.76
ΔY			0.0415 m	65	2.03	0.99	-	-
ΔZ			0.0486 m	64	2.08	-1.19	-	-
ΔX	GMP670	GMP672	0.0383 m	69	1.81	-0.02	-	0.02
ΔY			0.0322 m	96	0.50	0.23	-	-
ΔZ			0.0403 m	64	2.04	-0.06	-	-
ΔX	GMP672	GMP674	0.0499 m	44	3.11	0.76	-	0.34
ΔY			0.0441 m	53	2.64	0.54	-	-
ΔZ			0.0513 m	44	3.13	-0.43	-	-
ΔX	GMP673N	GMP674	0.0468 m	53	2.60	-0.28	-	0.42
ΔY			0.0438 m	56	2.48	-1.01	-	-
ΔZ			0.0468 m	52	2.66	-0.16	-	-
ΔX	GMP674	GMP676N	0.0608 m	57	2.57	-0.08	-	0.18
ΔY			0.0517 m	60	2.41	-0.65	-	-
ΔZ			0.0602 m	55	2.59	0.18	-	-
ΔX	GMP674	GMP675N	0.0494 m	48	2.86	0.53	-	0.23
ΔY			0.0452 m	53	2.61	0.08	-	-
ΔZ			0.0484 m	48	2.86	-0.71	-	-
ΔX	GMP673N	GMP675N	0.0539 m	48	2.90	0.82	-	0.26
ΔY			0.0478 m	53	2.67	-0.46	-	-
ΔZ			0.0532 m	47	3.00	-0.21	-	-
ΔX	GMP675N	GMP677N	0.0559 m	38	3.48	2.00	-	1.89
ΔY			0.0478 m	48	2.88	0.33	-	-
ΔZ			0.0555 m	37	3.60	-1.52	-	-
ΔX	GMP675N	GMP676N	0.0568 m	66	2.15	-0.56	-	0.44
ΔY			0.0499 m	65	2.17	-0.74	-	-
ΔZ			0.0563 m	65	2.11	0.49	-	-
ΔX	GMP676N	GMP678	0.0518 m	45	3.05	-0.80	-	1.57
ΔY			0.0464 m	50	2.80	-1.00	-	-
ΔZ			0.0548 m	48	2.91	1.88	-	-
ΔX	GMP676N	GMP677N	0.0475 m	51	2.72	0.20	-	0.45
ΔY			0.0442 m	54	2.59	-0.26	-	-
ΔZ			0.0494 m	53	2.60	-1.12	-	-
ΔX	GMP677N	GMP679	0.0519 m	42	3.28	1.19	-	0.82
ΔY			0.0454 m	50	2.80	-0.16	-	-
ΔZ			0.0551 m	36	3.67	-1.22	-	-
ΔX	GMP677N	GMP678	0.0466 m	53	2.60	0.80	-	0.73
ΔY			0.0431 m	56	2.49	0.20	-	-
ΔZ			0.0480 m	49	2.82	-1.33	-	-
ΔX	GMP678	GMP680N	0.0571 m	50	2.78	0.19	-	0.12
ΔY			0.0482 m	53	2.63	-0.47	-	-

ΔZ			0.0725 m	58	2.39	0.33	-	-
ΔX	GMP678	GMP679	0.0494 m	57	2.53	-0.08	-	0.04
ΔY			0.0435 m	55	2.52	-0.32	-	-
ΔZ			0.0544 m	57	2.55	0.11	-	-
ΔX	GMP679	GMP680N	0.0528 m	60	2.27	0.35	-	0.10
ΔY			0.0461 m	60	2.30	-0.19	-	-
ΔZ			0.0678 m	66	2.05	-0.45	-	-
ΔX	GMP679	GMP681	0.0541 m	38	3.55	0.79	-	0.41
ΔY			0.0459 m	48	2.92	-0.31	-	-
ΔZ			0.0642 m	27	4.51	-0.88	-	-
ΔX	GMP680N	GMP682N	0.0576 m	53	2.65	0.53	-	0.41
ΔY			0.0488 m	54	2.61	-0.60	-	-
ΔZ			0.0748 m	63	2.20	-0.82	-	-
ΔX	GMP680N	GMP681	0.0518 m	59	2.37	0.04	-	0.12
ΔY			0.0457 m	59	2.34	-0.07	-	-
ΔZ			0.0645 m	60	2.33	0.58	-	-
ΔX	GMP681	GMP683	0.0502 m	41	3.32	0.99	-	0.44
ΔY			0.0440 m	52	2.68	-0.58	-	-
ΔZ			0.0544 m	36	3.71	-0.46	-	-
ΔX	GMP681	GMP682N	0.0478 m	52	2.68	-0.21	-	0.04
ΔY			0.0440 m	56	2.49	0.21	-	-
ΔZ			0.0533 m	48	2.88	0.20	-	-
ΔX	GMP682N	GMP684	0.0509 m	58	2.33	-1.09	-	0.48
ΔY			0.0429 m	65	2.03	0.30	-	-
ΔZ			0.0563 m	59	2.31	0.67	-	-
ΔX	GMP682N	GMP683	0.0484 m	64	2.10	1.28	-	0.89
ΔY			0.0427 m	66	2.02	-0.62	-	-
ΔZ			0.0533 m	64	2.08	-1.03	-	-
ΔX	GMP683	GMP684	0.0375 m	76	1.50	-1.18	-	1.25
ΔY			0.0325 m	97	0.46	0.82	-	-
ΔZ			0.0392 m	71	1.70	1.89	-	-
ΔX	GMP684	GMP685	0.0385 m	71	1.72	0.34	-	0.06
ΔY			0.0325 m	97	0.47	-0.08	-	-
ΔZ			0.0403 m	66	1.91	-0.36	-	-
ΔX	GMP683	GMP685	0.0393 m	68	1.88	-1.96	-	1.71
ΔY			0.0324 m	97	0.49	0.74	-	-
ΔZ			0.0413 m	62	2.11	1.64	-	-
ΔX	GMP689	GMP691N	0.0498 m	59	2.30	-0.39	-	0.51
ΔY			0.0410 m	68	1.89	-1.06	-	-
ΔZ			0.0511 m	57	2.36	0.61	-	-
ΔX	GMP688	GMP690	0.0391 m	71	1.68	-0.95	-	1.14
ΔY			0.0326 m	97	0.47	-2.52	-	-
ΔZ			0.0411 m	65	1.92	1.98	-	-
ΔX	GMP688	GMP689	0.0385 m	71	1.65	-0.53	-	0.29
ΔY			0.0325 m	97	0.48	-0.60	-	-
ΔZ			0.0404 m	66	1.90	0.70	-	-
ΔX	GMP690	GMP691N	0.0482 m	66	2.01	0.01	-	0.47
ΔY			0.0412 m	70	1.84	1.12	-	-
ΔZ			0.0491 m	66	2.00	-0.47	-	-
ΔX	GMP689	GMP690	0.0372 m	77	1.44	-0.38	-	1.56
ΔY			0.0324 m	97	0.46	-1.92	-	-
ΔZ			0.0388 m	72	1.66	1.20	-	-
ΔX	GMP690	GMP692	0.0499 m	44	3.14	-0.11	-	0.41
ΔY			0.0408 m	61	2.21	1.11	-	-
ΔZ			0.0502 m	44	3.12	-0.14	-	-
ΔX	GMP692	GMP694N	0.0571 m	50	2.74	-0.27	-	0.29
ΔY			0.0459 m	59	2.31	0.73	-	-
ΔZ			0.0579 m	50	2.74	0.47	-	-
ΔX	GMP691N	GMP692	0.0463 m	54	2.59	-0.32	-	0.05
ΔY			0.0428 m	57	2.42	-0.09	-	-
ΔZ			0.0459 m	53	2.63	0.19	-	-
ΔX	GMP691N	GMP693	0.0516 m	47	2.93	-0.04	-	0.01
ΔY			0.0432 m	57	2.40	0.16	-	-
ΔZ			0.0509 m	46	3.02	-0.10	-	-
ΔX	GMP692	GMP693	0.0468 m	49	2.82	-0.21	-	0.09
ΔY			0.0423 m	57	2.41	0.39	-	-
ΔZ			0.0467 m	49	2.82	-0.31	-	-
ΔX	GMP695	GMP696	0.0372 m	75	1.52	-0.38	-	0.14
ΔY			0.0324 m	96	0.49	-0.40	-	-
ΔZ			0.0386 m	70	1.74	0.50	-	-
ΔX	GMP693	GMP695	0.0526 m	38	3.51	-0.12	-	0.15
ΔY			0.0410 m	60	2.26	0.59	-	-

ΔX			0.0514 m	69	1.93	0.02	-	0.10
ΔZ			0.0547 m	75	2.07	-0.37	-	-
ΔY	GMP694N	GMP695	0.0440 m	71	1.80	0.53	-	-
ΔZ			0.0544 m	68	1.94	-0.11	-	-
ΔX			0.0385 m	70	1.75	2.77	-	1.75
ΔY	GMP695	GMP697	0.0325 m	96	0.53	-1.81	-	-
ΔZ			0.0399 m	65	1.96	-1.94	-	-
ΔX			0.0540 m	64	2.25	-0.15	-	0.02
ΔY	GMP693	GMP694N	0.0468 m	63	2.20	-0.07	-	-
ΔZ			0.0562 m	65	2.16	-0.09	-	-
ΔX			0.0525 m	57	2.37	-0.42	-	0.10
ΔY	GMP694N	GMP696	0.0433 m	68	1.93	0.10	-	-
ΔZ			0.0552 m	59	2.28	0.47	-	-
ΔX			0.0377 m	71	1.76	3.18	-	1.26
ΔY	GMP696	GMP697	0.0321 m	96	0.52	-1.37	-	-
ΔZ			0.0394 m	65	2.02	-2.42	-	-
ΔX			0.0367 m	78	1.44	0.02	-	0.01
ΔY	GMP701	GMP702	0.0324 m	97	0.48	-0.02	-	-
ΔZ			0.0381 m	73	1.65	0.17	-	-
ΔX			0.0484 m	56	2.45	-0.25	-	0.05
ΔY	GMP701	GMP703N	0.0422 m	64	2.10	-0.26	-	-
ΔZ			0.0501 m	54	2.52	-0.02	-	-
ΔX			0.0380 m	72	1.67	-0.16	-	0.07
ΔY	GMP700	GMP701	0.0324 m	97	0.49	0.45	-	-
ΔZ			0.0397 m	67	1.92	-0.11	-	-
ΔX			0.0381 m	71	1.73	-0.15	-	0.06
ΔY	GMP700	GMP702	0.0325 m	96	0.54	0.42	-	-
ΔZ			0.0398 m	66	1.96	0.06	-	-
ΔX			0.0473 m	63	2.14	-0.36	-	0.13
ΔY	GMP702	GMP703N	0.0423 m	65	2.04	-0.21	-	-
ΔZ			0.0492 m	63	2.13	-0.33	-	-
ΔX			0.0511 m	42	3.29	0.48	-	0.48
ΔY	GMP702	GMP704	0.0444 m	52	2.67	-0.57	-	-
ΔZ			0.0526 m	40	3.40	0.94	-	-
ΔX			0.0484 m	48	2.89	-0.59	-	0.35
ΔY	GMP703N	GMP704	0.0437 m	54	2.59	-0.21	-	-
ΔZ			0.0500 m	46	3.04	-0.70	-	-
ΔX			0.0586 m	33	3.97	-0.24	-	0.13
ΔY	GMP704	GMP706	0.0468 m	47	2.96	-0.54	-	-
ΔZ			0.0642 m	30	4.23	0.24	-	-
ΔX			0.0574 m	60	2.28	0.07	-	0.03
ΔY	GMP704	GMP705N	0.0466 m	59	2.34	-0.28	-	-
ΔZ			0.0643 m	62	2.22	0.01	-	-
ΔX			0.0643 m	58	2.40	-0.04	-	0.10
ΔY	GMP703N	GMP705N	0.0503 m	56	2.52	-0.32	-	-
ΔZ			0.0722 m	63	2.24	0.50	-	-
ΔX			0.0573 m	62	2.22	-0.09	-	0.03
ΔY	GMP705N	GMP706	0.0465 m	59	2.34	-0.21	-	-
ΔZ			0.0635 m	63	2.16	0.23	-	-
ΔX			0.0617 m	54	2.59	0.14	-	0.06
ΔY	GMP705N	GMP707	0.0491 m	54	2.61	-0.38	-	-
ΔZ			0.0672 m	56	2.51	0.23	-	-
ΔX			0.0509 m	43	3.22	-0.13	-	0.09
ΔY	GMP706	GMP708	0.0454 m	50	2.82	-0.45	-	-
ΔZ			0.0510 m	42	3.28	0.23	-	-
ΔX			0.0439 m	55	2.51	-0.03	-	0.02
ΔY	GMP708	GMP709	0.0422 m	57	2.45	-0.23	-	-
ΔZ			0.0438 m	55	2.52	0.11	-	-
ΔX			0.0483 m	45	3.07	-0.09	-	0.06
ΔY	GMP708	GMP710	0.0448 m	50	2.79	-0.38	-	-
ΔZ			0.0484 m	45	3.11	0.20	-	-
ΔX			0.0478 m	50	2.77	-0.14	-	0.04
ΔY	GMP706	GMP707	0.0434 m	55	2.54	-0.27	-	-
ΔZ			0.0483 m	48	2.88	0.14	-	-
ΔX			0.0449 m	55	2.55	0.00	-	0.01
ΔY	GMP707	GMP708	0.0426 m	56	2.47	-0.17	-	-
ΔZ			0.0447 m	54	2.57	0.09	-	-
ΔX			0.0490 m	45	3.12	-0.04	-	0.08
ΔY	GMP707	GMP709	0.0451 m	50	2.82	-0.45	-	-
ΔZ			0.0489 m	44	3.14	0.21	-	-
ΔX			0.0436 m	56	2.50	-0.05	-	0.03
ΔY	GMP710	GMP711N	0.0423 m	57	2.44	-0.22	-	-
ΔZ			0.0454 m	56	2.46	0.18	-	-

ΔX			0.0481 m	44	3.13	-0.07	-	0.07
ΔY	GMP710	GMP712	0.0449 m	50	2.81	-0.43	-	-
ΔZ			0.0499 m	43	3.24	0.18	-	-
ΔX			0.0431 m	54	2.58	-0.03	-	0.03
ΔY	GMP709	GMP710	0.0421 m	56	2.48	-0.26	-	-
ΔZ			0.0436 m	53	2.63	0.15	-	-
ΔX			0.0481 m	46	3.05	-0.03	-	0.06
ΔY	GMP709	GMP711N	0.0450 m	50	2.78	-0.41	-	-
ΔZ			0.0500 m	47	2.96	0.16	-	-
ΔX			0.0438 m	56	2.49	-0.02	-	0.01
ΔY	GMP711N	GMP712	0.0424 m	57	2.44	-0.14	-	-
ΔZ			0.0463 m	57	2.42	0.10	-	-
ΔX			0.0485 m	46	3.04	-0.07	-	0.10
ΔY	GMP711N	GMP713	0.0450 m	51	2.77	-0.50	-	-
ΔZ			0.0509 m	48	2.93	0.25	-	-
ΔX			0.0436 m	55	2.53	0.05	-	0.05
ΔY	GMP712	GMP713	0.0422 m	57	2.45	-0.37	-	-
ΔZ			0.0445 m	54	2.60	0.10	-	-
ΔX			0.0437 m	56	2.49	-0.19	-	0.03
ΔY	GMP713	GMP714N	0.0422 m	57	2.43	0.20	-	-
ΔZ			0.0443 m	55	2.51	0.10	-	-
ΔX			0.0477 m	47	2.94	0.21	-	0.40
ΔY	GMP713	GMP715	0.0435 m	54	2.59	-1.07	-	-
ΔZ			0.0482 m	47	2.95	0.24	-	-
ΔX			0.0484 m	45	3.08	-0.15	-	0.03
ΔY	GMP712	GMP714N	0.0451 m	50	2.80	-0.18	-	-
ΔZ			0.0492 m	45	3.12	0.18	-	-
ΔX			0.0445 m	54	2.58	-0.73	-	0.61
ΔY	GMP714N	GMP716	0.0401 m	63	2.14	1.20	-	-
ΔZ			0.0457 m	52	2.69	0.14	-	-
ΔX			0.0425 m	60	2.28	0.37	-	0.49
ΔY	GMP714N	GMP715	0.0400 m	64	2.10	-1.17	-	-
ΔZ			0.0431 m	59	2.30	0.12	-	-
ΔX			0.0381 m	74	1.54	0.90	-	0.32
ΔY	GMP716	GMP717	0.0324 m	97	0.48	-0.15	-	-
ΔZ			0.0398 m	67	1.82	-0.75	-	-
ΔX			0.0385 m	74	1.50	-0.02	-	1.15
ΔY	GMP715	GMP717	0.0328 m	95	0.57	1.78	-	-
ΔZ			0.0404 m	67	1.81	-0.74	-	-
ΔX			0.0359 m	78	1.47	-0.79	-	1.44
ΔY	GMP715	GMP716	0.0321 m	96	0.53	1.99	-	-
ΔZ			0.0371 m	73	1.69	0.11	-	-
ΔX			0.0412 m	70	1.44	-0.70	-	0.20
ΔY	GMP720	GMP722	0.0341 m	95	0.51	-0.07	-	-
ΔZ			0.0445 m	61	1.82	0.67	-	-
ΔX			0.0433 m	78	0.98	-1.30	-	0.74
ΔY	GMP720	GMP721	0.0358 m	99	0.16	0.88	-	-
ΔZ			0.0469 m	71	1.29	0.95	-	-
ΔX			0.0413 m	82	0.95	0.56	-	0.34
ΔY	GMP721	GMP722	0.0349 m	98	0.30	-0.94	-	-
ΔZ			0.0435 m	75	1.25	-0.12	-	-
ΔX			0.0444 m	55	2.50	-0.31	-	0.10
ΔY	GMP722	GMP723N	0.0414 m	60	2.28	0.49	-	-
ΔZ			0.0451 m	54	2.55	0.03	-	-
ΔX			0.0487 m	46	3.02	-0.09	-	0.08
ΔY	GMP722	GMP724	0.0463 m	48	2.91	0.49	-	-
ΔZ			0.0496 m	45	3.07	-0.01	-	-
ΔX			0.0497 m	60	2.17	0.38	-	0.18
ΔY	GMP721	GMP723N	0.0435 m	65	2.08	-0.69	-	-
ΔZ			0.0518 m	57	2.31	-0.07	-	-
ΔX			0.0487 m	46	3.03	0.07	-	0.00
ΔY	GMP723N	GMP725N	0.0475 m	46	3.03	-0.03	-	-
ΔZ			0.0495 m	45	3.06	-0.02	-	-
ΔX			0.0443 m	55	2.52	0.08	-	0.01
ΔY	GMP724	GMP725N	0.0431 m	56	2.50	0.17	-	-
ΔZ			0.0448 m	55	2.54	0.07	-	-
ΔX			0.0455 m	52	2.66	-0.22	-	0.03
ΔY	GMP725N	GMP726	0.0434 m	55	2.53	-0.04	-	-
ΔZ			0.0465 m	52	2.70	-0.16	-	-
ΔX			0.0538 m	39	3.47	0.44	-	0.14
ΔY	GMP725N	GMP727	0.0485 m	45	3.08	0.20	-	-
ΔZ			0.0567 m	36	3.66	0.25	-	-

ΔX	GMP723N	GMP724	0.0436 m	53	2.61	-0.04	-	0.01
ΔY			0.0426 m	55	2.53	-0.14	-	-
ΔZ			0.0439 m	53	2.65	-0.01	-	-
ΔX	GMP724	GMP726	0.0493 m	44	3.15	-0.22	-	0.03
ΔY			0.0476 m	45	3.07	0.15	-	-
ΔZ			0.0503 m	43	3.21	-0.11	-	-
ΔX	GMP727	GMP728N	0.0649 m	75	2.19	0.12	-	0.15
ΔY			0.0467 m	58	2.43	0.10	-	-
ΔZ			0.0721 m	76	2.19	0.27	-	-
ΔX	GMP726	GMP727	0.0528 m	62	2.47	-0.27	-	0.08
ΔY			0.0443 m	55	2.59	-0.02	-	-
ΔZ			0.0560 m	62	2.48	-0.24	-	-
ΔX	GMP727	GMP729N	0.0608 m	36	3.64	0.08	-	0.02
ΔY			0.0507 m	43	3.18	0.07	-	-
ΔZ			0.0668 m	34	3.79	-0.24	-	-
ΔX	GMP728N	GMP729N	0.0575 m	63	2.16	0.58	-	0.15
ΔY			0.0475 m	60	2.30	0.09	-	-
ΔZ			0.0640 m	67	1.97	0.10	-	-
ΔX	GMP726	GMP728N	0.0608 m	42	3.19	-0.26	-	0.03
ΔY			0.0504 m	47	2.97	0.14	-	-
ΔZ			0.0675 m	45	3.03	-0.08	-	-
ΔX	GMP728N	GMP730N	0.0580 m	33	3.95	-0.73	-	0.18
ΔY			0.0503 m	41	3.36	0.16	-	-
ΔZ			0.0616 m	32	4.08	0.07	-	-
ΔX	GMP731N	GMP733N	0.0602 m	39	3.39	-0.21	-	0.04
ΔY			0.0513 m	43	3.18	-0.09	-	-
ΔZ			0.0609 m	37	3.57	0.32	-	-
ΔX	GMP730N	GMP731N	0.0679 m	72	1.86	-0.18	-	0.13
ΔY			0.0533 m	66	2.05	-0.01	-	-
ΔZ			0.0660 m	70	1.91	-0.45	-	-
ΔX	GMP731N	GMP732N	0.0584 m	58	2.41	0.28	-	0.03
ΔY			0.0486 m	57	2.45	0.09	-	-
ΔZ			0.0575 m	55	2.51	-0.11	-	-
ΔX	GMP729N	GMP731N	0.0620 m	32	3.94	0.25	-	0.21
ΔY			0.0523 m	39	3.45	0.02	-	-
ΔZ			0.0622 m	31	4.07	0.63	-	-
ΔX	GMP729N	GMP730N	0.0552 m	58	2.44	0.41	-	0.18
ΔY			0.0465 m	55	2.53	0.14	-	-
ΔZ			0.0559 m	55	2.53	-0.69	-	-
ΔX	GMP730N	GMP732N	0.0678 m	51	2.77	-0.16	-	0.08
ΔY			0.0552 m	47	2.95	0.35	-	-
ΔZ			0.0677 m	50	2.84	-0.30	-	-
ΔX	GMP732N	GMP734N	0.0562 m	35	3.77	-0.41	-	0.18
ΔY			0.0495 m	42	3.27	0.32	-	-
ΔZ			0.0584 m	35	3.76	-0.42	-	-
ΔX	GMP732N	GMP733N	0.0562 m	66	2.34	0.54	-	0.18
ΔY			0.0457 m	56	2.53	0.08	-	-
ΔZ			0.0605 m	71	2.23	0.05	-	-
ΔX	GMP736	GMP737N	0.0565 m	56	2.44	-0.47	-	0.14
ΔY			0.0490 m	56	2.46	0.47	-	-
ΔZ			0.0596 m	59	2.33	-0.10	-	-
ΔX	GMP736	GMP738N	0.0605 m	50	2.76	-0.27	-	0.06
ΔY			0.0530 m	49	2.87	0.36	-	-
ΔZ			0.0646 m	52	2.69	0.04	-	-
ΔX	GMP737N	GMP739	0.0556 m	41	3.30	-0.10	-	0.04
ΔY			0.0502 m	44	3.17	0.12	-	-
ΔZ			0.0575 m	40	3.36	-0.28	-	-
ΔX	GMP737N	GMP738N	0.0495 m	47	2.96	0.25	-	0.04
ΔY			0.0452 m	52	2.70	-0.12	-	-
ΔZ			0.0513 m	45	3.06	0.16	-	-
ΔX	GMP739	GMP740N	0.0575 m	40	3.36	0.04	-	0.01
ΔY			0.0506 m	43	3.23	0.10	-	-
ΔZ			0.0595 m	38	3.51	-0.16	-	-
ΔX	GMP739	GMP738N	0.0528 m	60	2.35	-0.13	-	0.01
ΔY			0.0462 m	57	2.45	0.01	-	-
ΔZ			0.0548 m	61	2.31	-0.11	-	-
ΔX	GMP738N	GMP741N	0.0619 m	55	2.62	-0.28	-	0.05
ΔY			0.0524 m	50	2.79	0.17	-	-
ΔZ			0.0657 m	55	2.63	0.31	-	-
ΔX	GMP738N	GMP740N	0.0539 m	57	2.45	0.14	-	0.01
ΔY			0.0465 m	56	2.48	0.06	-	-
ΔZ			0.0563 m	57	2.45	-0.17	-	-

ΔX			0.0537 m	52	2.61	-0.17	-	0.02
ΔY	GMP740N	GMP741N	0.0465 m	55	2.52	-0.09	-	-
ΔZ			0.0563 m	50	2.73	-0.06	-	-
ΔX			0.0581 m	34	3.73	0.38	-	0.09
ΔY	GMP740N	GMP742N	0.0502 m	42	3.27	0.26	-	-
ΔZ			0.0622 m	30	4.12	-0.30	-	-
ΔX			0.0606 m	59	2.76	0.24	-	0.13
ΔY	GMP741N	GMP744N	0.0503 m	50	2.93	-0.60	-	-
ΔZ			0.0679 m	65	2.68	-0.09	-	-
ΔX			0.0549 m	62	2.38	-0.64	-	0.22
ΔY	GMP741N	GMP742N	0.0460 m	57	2.47	0.60	-	-
ΔZ			0.0603 m	65	2.30	0.30	-	-
ΔX			0.0507 m	52	2.64	0.02	-	0.01
ΔY	GMP733N	GMP734N	0.0456 m	56	2.50	0.03	-	-
ΔZ			0.0514 m	52	2.65	0.15	-	-
ΔX			0.0573 m	47	2.98	0.33	-	0.07
ΔY	GMP733N	GMP735N	0.0508 m	46	3.06	-0.04	-	-
ΔZ			0.0576 m	45	3.12	0.18	-	-
ΔX			0.0525 m	48	2.81	0.01	-	0.01
ΔY	GMP734N	GMP735N	0.0467 m	51	2.74	-0.09	-	-
ΔZ			0.0526 m	47	2.90	-0.16	-	-
ΔX			0.0633 m	71	2.14	-0.36	-	0.08
ΔY	GMP735N	GMP736	0.0532 m	64	2.18	0.39	-	-
ΔZ			0.0631 m	67	2.17	0.02	-	-
ΔX			0.0623 m	36	3.60	0.72	-	0.24
ΔY	GMP735N	GMP737N	0.0538 m	39	3.44	-0.53	-	-
ΔZ			0.0635 m	33	3.84	0.00	-	-
ΔX			0.0635 m	51	2.86	-0.44	-	0.13
ΔY	GMP734N	GMP736	0.0562 m	52	2.78	0.51	-	-
ΔZ			0.0662 m	53	2.74	-0.09	-	-
ΔX			0.0457 m	54	2.59	-0.12	-	0.48
ΔY	GMP744N	GMP745N	0.0433 m	55	2.52	-1.08	-	-
ΔZ			0.0468 m	54	2.56	-0.46	-	-
ΔX			0.0501 m	44	3.15	-0.15	-	0.21
ΔY	GMP744N	GMP746N	0.0477 m	45	3.08	-0.71	-	-
ΔZ			0.0522 m	43	3.23	-0.30	-	-
ΔX			0.0526 m	39	3.45	-0.11	-	0.01
ΔY	GMP746N	GMP748N	0.0490 m	43	3.24	-0.15	-	-
ΔZ			0.0552 m	38	3.55	0.09	-	-
ΔX			0.0461 m	54	2.59	0.03	-	0.10
ΔY	GMP745N	GMP746N	0.0437 m	55	2.56	0.48	-	-
ΔZ			0.0483 m	53	2.62	0.25	-	-
ΔX			0.0481 m	56	2.48	-0.01	-	0.01
ΔY	GMP746N	GMP747N	0.0448 m	56	2.49	-0.04	-	-
ΔZ			0.0519 m	58	2.36	-0.12	-	-
ΔX			0.0530 m	48	2.90	0.06	-	0.09
ΔY	GMP745N	GMP747N	0.0493 m	47	2.96	0.51	-	-
ΔZ			0.0572 m	50	2.81	-0.03	-	-
ΔX			0.0690 m	62	2.22	0.13	-	0.02
ΔY	GMP748N	GMP749N	0.0540 m	60	2.32	-0.18	-	-
ΔZ			0.0704 m	62	2.28	0.07	-	-
ΔX			0.0717 m	33	3.86	-0.34	-	0.05
ΔY	GMP748N	GMP750N	0.0569 m	36	3.65	-0.08	-	-
ΔZ			0.0743 m	31	4.02	0.08	-	-
ΔX			0.0503 m	48	2.92	-0.04	-	0.00
ΔY	GMP747N	GMP748N	0.0457 m	50	2.79	-0.08	-	-
ΔZ			0.0516 m	45	3.08	0.03	-	-
ΔX			0.0715 m	55	2.58	0.12	-	0.16
ΔY	GMP747N	GMP749N	0.0577 m	52	2.74	0.65	-	-
ΔZ			0.0745 m	56	2.60	-0.24	-	-
ΔX			0.0775 m	70	1.88	-0.34	-	0.11
ΔY	GMP749N	GMP750N	0.0578 m	66	2.10	0.20	-	-
ΔZ			0.0783 m	70	1.95	0.44	-	-
ΔX			0.0765 m	54	2.63	0.62	-	0.21
ΔY	GMP749N	GMP751N	0.0603 m	51	2.86	0.26	-	-
ΔZ			0.0794 m	52	2.83	-0.62	-	-
ΔX			0.0603 m	44	3.13	-0.07	-	0.56
ΔY	GMP752N	GMP754N	0.0532 m	45	3.07	-1.21	-	-
ΔZ			0.0641 m	40	3.41	-0.18	-	-
ΔX			0.0635 m	49	2.87	-0.25	-	0.03
ΔY	GMP750N	GMP752N	0.0549 m	49	2.86	-0.10	-	-
ΔZ			0.0685 m	51	2.78	0.21	-	-
ΔX			0.0540 m	51	2.73	0.15	-	0.03

ΔY	GMP751N	GMP752N	0.0477 m	53	2.64	-0.18	-	-
ΔZ			0.0555 m	48	2.87	-0.18	-	-
ΔX	GMP752N	GMP753N	0.0553 m	58	2.41	-0.01	-	0.26
ΔY			0.0487 m	58	2.41	0.83	-	-
ΔZ			0.0568 m	56	2.48	0.15	-	-
ΔX	GMP751N	GMP753N	0.0592 m	43	3.21	0.01	-	0.14
ΔY			0.0523 m	43	3.22	0.63	-	-
ΔZ			0.0612 m	41	3.31	-0.05	-	-
ΔX	GMP750N	GMP751N	0.0590 m	47	2.92	-0.31	-	0.05
ΔY			0.0500 m	49	2.80	0.20	-	-
ΔZ			0.0630 m	49	2.82	0.23	-	-
ΔX	GMP758N	GMP759	0.0528 m	61	2.19	1.05	-	0.64
ΔY			0.0451 m	64	2.11	-0.89	-	-
ΔZ			0.0599 m	62	2.15	-0.60	-	-
ΔX	GMP758N	GMP760	0.0532 m	49	2.71	-1.78	-	2.12
ΔY			0.0444 m	59	2.28	1.89	-	-
ΔZ			0.0597 m	48	2.79	0.89	-	-
ΔX	GMP759	GMP760	0.0420 m	67	1.72	-2.53	-	1.62
ΔY			0.0336 m	97	0.35	2.30	-	-
ΔZ			0.0457 m	66	1.75	1.55	-	-
ΔX	GMP754N	GMP759	0.0593 m	45	3.04	0.73	-	0.40
ΔY			0.0509 m	48	2.94	-0.83	-	-
ΔZ			0.0682 m	45	3.06	-0.40	-	-
ΔX	GMP753N	GMP758N	0.0636 m	50	2.80	-0.40	-	0.37
ΔY			0.0541 m	49	2.87	1.02	-	-
ΔZ			0.0728 m	52	2.74	0.00	-	-
ΔX	GMP754N	GMP758N	0.0572 m	58	2.36	-0.41	-	0.09
ΔY			0.0482 m	57	2.44	0.19	-	-
ΔZ			0.0658 m	60	2.32	0.32	-	-
ΔX	GMP753N	GMP754N	0.0560 m	55	2.53	0.35	-	0.18
ΔY			0.0484 m	55	2.54	0.50	-	-
ΔZ			0.0615 m	58	2.45	0.11	-	-
ΔX	GMP768	GMP770	0.0588 m	36	3.55	0.35	-	0.24
ΔY			0.0497 m	44	3.13	-0.05	-	-
ΔZ			0.0622 m	34	3.76	-0.83	-	-
ΔX	GMP768	GMP769N	0.0588 m	67	2.00	1.51	-	1.04
ΔY			0.0479 m	65	2.05	0.39	-	-
ΔZ			0.0616 m	66	2.02	-1.32	-	-
ΔX	GMP766	GMP768	0.0412 m	73	1.37	-2.00	-	1.34
ΔY			0.0337 m	96	0.46	-1.77	-	-
ΔZ			0.0438 m	66	1.67	2.61	-	-
ΔX	GMP767	GMP768	0.0405 m	76	1.27	-2.76	-	1.33
ΔY			0.0336 m	97	0.37	-0.44	-	-
ΔZ			0.0428 m	70	1.51	2.71	-	-
ΔX	GMP767	GMP769N	0.0608 m	66	2.00	-1.25	-	0.78
ΔY			0.0482 m	65	2.04	0.11	-	-
ΔZ			0.0638 m	63	2.12	1.39	-	-
ΔX	GMP766	GMP767	0.0403 m	71	1.51	0.79	-	0.69
ΔY			0.0332 m	96	0.48	-1.31	-	-
ΔZ			0.0429 m	64	1.80	-0.16	-	-
ΔX	GMP770	GMP771N	0.0558 m	64	2.13	0.31	-	0.05
ΔY			0.0484 m	61	2.26	-0.26	-	-
ΔZ			0.0621 m	67	1.95	-0.15	-	-
ΔX	GMP770	GMP772	0.0560 m	36	3.72	0.35	-	0.06
ΔY			0.0497 m	42	3.28	0.15	-	-
ΔZ			0.0605 m	33	3.96	-0.16	-	-
ΔX	GMP771N	GMP773N	0.0557 m	40	3.37	0.44	-	0.14
ΔY			0.0495 m	44	3.12	0.04	-	-
ΔZ			0.0590 m	40	3.43	-0.54	-	-
ΔX	GMP771N	GMP772	0.0538 m	62	2.22	-0.16	-	0.03
ΔY			0.0473 m	60	2.30	0.27	-	-
ΔZ			0.0587 m	65	2.07	-0.08	-	-
ΔX	GMP772	GMP773N	0.0525 m	61	2.25	0.08	-	0.06
ΔY			0.0456 m	57	2.46	-0.20	-	-
ΔZ			0.0525 m	58	2.44	0.38	-	-
ΔX	GMP772	GMP774N	0.0542 m	36	3.68	0.08	-	0.26
ΔY			0.0487 m	43	3.24	0.64	-	-
ΔZ			0.0559 m	34	3.86	-0.62	-	-
ΔX	GMP778	GMP779N	0.0581 m	63	2.16	3.24	-	1.65
ΔY			0.0491 m	61	2.26	0.49	-	-
ΔZ			0.0617 m	66	2.06	3.17	-	-
ΔX			0.0592 m	42	3.26	-1.69	-	1.03

ΔY	GMP779N	GMP781N	0.0514 m	45	3.08	-0.49	-	-
ΔZ			0.0626 m	41	3.35	-2.27	-	-
ΔX	GMP779N	GMP780N	0.0591 m	67	2.02	-1.59	-	1.35
ΔY			0.0499 m	63	2.19	-0.19	-	-
ΔZ			0.0629 m	68	1.97	-2.00	-	-
ΔX	GMP778	GMP780N	0.0578 m	32	4.07	3.84	-	1.51
ΔY			0.0503 m	40	3.40	1.15	-	-
ΔZ			0.0612 m	29	4.32	3.37	-	-
ΔX	GMP780N	GMP782	0.0561 m	35	3.70	1.24	-	1.21
ΔY			0.0495 m	42	3.26	0.65	-	-
ΔZ			0.0586 m	33	3.90	0.68	-	-
ΔX	GMP780N	GMP781N	0.0544 m	61	2.33	0.94	-	0.75
ΔY			0.0472 m	58	2.40	0.28	-	-
ΔZ			0.0566 m	61	2.32	0.66	-	-
ΔX	GMP781N	GMP782	0.0559 m	67	2.11	-0.33	-	0.12
ΔY			0.0477 m	61	2.26	0.00	-	-
ΔZ			0.0581 m	67	2.10	-0.33	-	-
ΔX	GMP781N	GMP783N	0.0563 m	46	3.03	-0.29	-	0.59
ΔY			0.0498 m	47	2.95	-0.18	-	-
ΔZ			0.0588 m	46	3.06	-1.12	-	-
ΔX	GMP782	GMP784N	0.0531 m	46	3.01	0.36	-	0.18
ΔY			0.0483 m	47	2.99	0.47	-	-
ΔZ			0.0548 m	45	3.09	0.24	-	-
ΔX	GMP782	GMP783N	0.0480 m	50	2.78	0.45	-	0.09
ΔY			0.0442 m	53	2.63	0.15	-	-
ΔZ			0.0490 m	49	2.85	0.07	-	-
ΔX	GMP783N	GMP785N	0.0548 m	45	3.06	0.13	-	0.04
ΔY			0.0497 m	47	2.97	0.10	-	-
ΔZ			0.0579 m	45	3.11	-0.31	-	-
ΔX	GMP783N	GMP784N	0.0483 m	53	2.62	0.09	-	0.13
ΔY			0.0447 m	55	2.53	-0.10	-	-
ΔZ			0.0497 m	52	2.67	-0.61	-	-
ΔX	GMP784N	GMP785N	0.0523 m	61	2.27	0.13	-	0.02
ΔY			0.0469 m	59	2.35	0.22	-	-
ΔZ			0.0556 m	62	2.20	-0.07	-	-
ΔX	GMP784N	GMP786N	0.0550 m	37	3.58	0.34	-	0.08
ΔY			0.0495 m	43	3.20	0.15	-	-
ΔZ			0.0582 m	34	3.84	-0.37	-	-
ΔX	GMP785N	GMP787N	0.0597 m	46	2.99	0.39	-	0.17
ΔY			0.0517 m	48	2.89	0.51	-	-
ΔZ			0.0632 m	47	2.94	-0.10	-	-
ΔX	GMP785N	GMP786N	0.0538 m	60	2.28	-0.09	-	0.05
ΔY			0.0475 m	59	2.35	-0.16	-	-
ΔZ			0.0573 m	62	2.21	-0.30	-	-
ΔX	GMP788	GMP790	0.0409 m	76	1.20	-1.53	-	1.20
ΔY			0.0337 m	97	0.39	-0.60	-	-
ΔZ			0.0428 m	65	1.63	1.65	-	-
ΔX	GMP789	GMP790	0.0405 m	74	1.27	-1.41	-	1.12
ΔY			0.0335 m	96	0.41	-0.64	-	-
ΔZ			0.0424 m	64	1.68	1.65	-	-
ΔX	GMP787N	GMP789	0.0556 m	62	2.14	0.22	-	0.03
ΔY			0.0454 m	64	2.09	0.02	-	-
ΔZ			0.0561 m	59	2.27	0.03	-	-
ΔX	GMP788	GMP789	0.0392 m	74	1.40	-0.14	-	0.01
ΔY			0.0328 m	97	0.37	0.02	-	-
ΔZ			0.0408 m	66	1.73	0.00	-	-
ΔX	GMP787N	GMP788	0.0545 m	66	2.05	0.27	-	0.06
ΔY			0.0452 m	64	2.10	0.24	-	-
ΔZ			0.0543 m	64	2.13	-0.25	-	-
ΔX	GMP786N	GMP788	0.0567 m	38	3.41	0.12	-	0.10
ΔY			0.0483 m	45	3.03	0.19	-	-
ΔZ			0.0580 m	36	3.59	-0.52	-	-
ΔX	GMP786N	GMP787N	0.0552 m	61	2.33	0.13	-	0.02
ΔY			0.0473 m	59	2.36	-0.20	-	-
ΔZ			0.0563 m	60	2.35	-0.15	-	-
ΔX	GMP743N	GMP745N	0.0524 m	49	2.89	0.24	-	1.95
ΔY			0.0484 m	46	3.05	2.24	-	-
ΔZ			0.0523 m	46	3.05	0.76	-	-
ΔX	GMP743N	GMP744N	0.0468 m	54	2.59	-0.22	-	0.48
ΔY			0.0436 m	55	2.54	-1.07	-	-
ΔZ			0.0467 m	53	2.61	-0.41	-	-
ΔX			0.0522 m	42	3.26	0.00	-	0.41

ΔY	GMP742N	GMP743N	0.0484 m	44	3.14	1.05	-	-
ΔZ			0.0527 m	41	3.34	0.30	-	-
ΔX	GMP742N	GMP744N	0.0483 m	50	2.77	-0.24	-	0.07
ΔY			0.0440 m	54	2.58	-0.15	-	-
ΔZ			0.0493 m	48	2.91	-0.27	-	-
ΔX	GMP769N	GMP770	0.0568 m	63	2.30	0.33	-	0.22
ΔY			0.0492 m	62	2.27	-0.07	-	-
ΔZ			0.0602 m	64	2.24	0.50	-	-
ΔX	GMP769N	GMP771N	0.0590 m	40	3.39	-0.04	-	0.20
ΔY			0.0514 m	44	3.15	0.61	-	-
ΔZ			0.0631 m	37	3.64	-0.50	-	-
ΔX	GMP773N	GMP775	0.0565 m	52	2.70	0.22	-	0.03
ΔY			0.0503 m	51	2.77	-0.05	-	-
ΔZ			0.0594 m	53	2.68	-0.22	-	-
ΔX	GMP773N	GMP774N	0.0529 m	62	2.24	0.29	-	0.04
ΔY			0.0470 m	60	2.31	-0.13	-	-
ΔZ			0.0553 m	63	2.17	0.10	-	-
ΔX	GMP774N	GMP776	0.0502 m	45	3.06	0.54	-	0.15
ΔY			0.0473 m	47	2.99	0.34	-	-
ΔZ			0.0521 m	45	3.10	-0.01	-	-
ΔX	GMP774N	GMP775	0.0464 m	50	2.77	-0.17	-	0.08
ΔY			0.0438 m	53	2.62	0.15	-	-
ΔZ			0.0477 m	49	2.83	-0.44	-	-
ΔX	GMP775	GMP776	0.0450 m	55	2.55	0.61	-	0.18
ΔY			0.0432 m	55	2.51	0.14	-	-
ΔZ			0.0461 m	54	2.56	0.34	-	-
ΔX	GMP775	GMP777	0.0495 m	45	3.09	-0.66	-	0.54
ΔY			0.0470 m	47	2.99	-0.04	-	-
ΔZ			0.0508 m	44	3.12	-1.03	-	-
ΔX	GMP776	GMP777	0.0451 m	53	2.62	-1.01	-	1.11
ΔY			0.0431 m	55	2.54	-0.21	-	-
ΔZ			0.0456 m	53	2.65	-1.41	-	-
ΔX	GMP776	GMP778	0.0514 m	45	3.08	2.41	-	4.05
ΔY			0.0474 m	46	3.00	0.72	-	-
ΔZ			0.0522 m	44	3.15	1.99	-	-
ΔX	GMP777	GMP778	0.0483 m	50	2.81	3.64	-	1.89
ΔY			0.0442 m	53	2.64	0.78	-	-
ΔZ			0.0486 m	49	2.86	3.32	-	-
ΔX	GMP777	GMP779N	0.0619 m	56	2.55	-6.88	-	0.56
ΔY			0.0518 m	51	2.79	-1.20	-	-
ΔZ			0.0636 m	53	2.73	-7.61	-	-
ΔX	GMP796	GMP797	0.0445 m	65	1.64	-0.32	-	0.28
ΔY			0.0349 m	95	0.55	0.91	-	-
ΔZ			0.0499 m	65	1.70	-0.07	-	-
ΔX	GMP796	GMP798	0.0447 m	65	1.65	0.14	-	0.01
ΔY			0.0355 m	92	0.76	-0.02	-	-
ΔZ			0.0506 m	64	1.75	-0.16	-	-
ΔX	GMP797	GMP798	0.0472 m	72	1.32	0.43	-	0.27
ΔY			0.0367 m	95	0.51	-0.86	-	-
ΔZ			0.0540 m	75	1.20	-0.01	-	-
ΔX	GMP799N	GMP800	0.0437 m	53	2.61	-1.10	-	2.18
ΔY			0.0399 m	63	2.16	-1.99	-	-
ΔZ			0.0451 m	50	2.75	1.45	-	-
ΔX	GMP798	GMP799N	0.0501 m	57	2.27	-1.22	-	1.08
ΔY			0.0426 m	66	2.01	-0.74	-	-
ΔZ			0.0539 m	54	2.40	1.52	-	-
ΔX	GMP799N	GMP801	0.0463 m	57	2.34	0.03	-	0.60
ΔY			0.0410 m	64	2.07	1.33	-	-
ΔZ			0.0485 m	55	2.44	-0.20	-	-
ΔX	GMP798	GMP800	0.0431 m	73	1.38	-1.85	-	3.91
ΔY			0.0355 m	93	0.67	-2.17	-	-
ΔZ			0.0470 m	68	1.60	2.72	-	-
ΔX	GMP801	GMP802	0.0414 m	73	1.47	-1.01	-	0.53
ΔY			0.0361 m	86	1.05	0.11	-	-
ΔZ			0.0454 m	63	1.97	1.12	-	-
ΔX	GMP800	GMP802	0.0418 m	63	2.03	-0.55	-	3.51
ΔY			0.0362 m	80	1.38	3.04	-	-
ΔZ			0.0477 m	49	2.77	-0.90	-	-
ΔX	GMP800	GMP801	0.0380 m	77	1.39	0.72	-	3.31
ΔY			0.0330 m	97	0.44	2.69	-	-
ΔZ			0.0397 m	72	1.64	-1.86	-	-

Antenna Height Tests

Station	Target	Date/Time	Antenna MDB	Antenna W-Test	Est. Antenna Error
GMP644	GMP646	23.02.2024 10:27:57	0.0591 m	0.17	-
GMP644	GMP645	23.02.2024 10:29:22	0.0591 m	-0.17	-
GMP645	GMP646	23.02.2024 10:27:57	0.0531 m	0.21	-
GMP645	GMP647N	23.02.2024 10:36:52	0.0701 m	-0.48	-
GMP646	GMP647N	23.02.2024 10:36:52	0.0672 m	-0.45	-
GMP646	GMP648	23.02.2024 10:41:50	0.0674 m	0.91	-
GMP649N	GMP651N	23.02.2024 11:39:52	0.1135 m	-0.04	-
GMP647N	GMP648	23.02.2024 10:41:50	0.0697 m	-0.55	-
GMP647N	GMP649N	23.02.2024 11:39:12	0.0734 m	-0.41	-
GMP649N	GMP650	23.02.2024 11:35:22	0.0818 m	-0.18	-
GMP648	GMP650	23.02.2024 11:35:22	0.0784 m	0.20	-
GMP648	GMP649N	23.02.2024 11:39:12	0.0790 m	0.24	-
GMP650	GMP652	23.02.2024 12:34:57	0.0582 m	-0.10	-
GMP651N	GMP652	23.02.2024 12:34:57	0.0611 m	0.21	-
GMP652	GMP653	23.02.2024 12:34:50	0.0473 m	0.07	-
GMP652	GMP654	23.02.2024 12:39:27	0.0531 m	0.02	-
GMP650	GMP651N	23.02.2024 11:39:52	0.0559 m	0.11	-
GMP651N	GMP653	23.02.2024 12:34:50	0.0558 m	-0.10	-
GMP654	GMP655N	23.02.2024 13:40:17	0.0730 m	0.27	-
GMP654	GMP656	23.02.2024 13:42:17	0.0709 m	-0.59	-
GMP655N	GMP657	23.02.2024 13:46:02	0.0786 m	1.04	-
GMP655N	GMP656	23.02.2024 13:42:17	0.0733 m	-0.37	-
GMP653	GMP655N	23.02.2024 13:40:17	0.0766 m	0.36	-
GMP653	GMP654	23.02.2024 12:39:27	0.0495 m	-0.25	-
GMP630	GMP631	26.02.2024 08:07:57	0.0571 m	0.13	-
GMP631	GMP632	26.02.2024 08:11:27	0.0507 m	-0.24	-
GMP631	GMP633N	26.02.2024 08:14:17	0.0641 m	0.45	-
GMP630	GMP632	26.02.2024 08:11:27	0.0571 m	-0.13	-
GMP632	GMP634	26.02.2024 08:21:49	0.0570 m	-0.97	-
GMP632	GMP633N	26.02.2024 08:14:17	0.0565 m	0.56	-
GMP634	GMP635	26.02.2024 09:26:37	0.0499 m	-0.18	-
GMP634	GMP636	26.02.2024 09:20:37	0.0570 m	-0.05	-
GMP635	GMP636	26.02.2024 09:20:37	0.0570 m	0.05	-
GMP633N	GMP635	26.02.2024 09:26:37	0.0602 m	0.27	-
GMP633N	GMP634	26.02.2024 08:21:49	0.0515 m	0.64	-
GMP656	GMP658N	26.02.2024 10:49:57	0.0576 m	-0.19	-
GMP658N	GMP659N	26.02.2024 10:49:15	0.0670 m	-0.30	-
GMP657	GMP658N	26.02.2024 10:49:57	0.0527 m	0.28	-
GMP658N	GMP660N	26.02.2024 10:53:49	0.0731 m	0.48	-
GMP656	GMP657	26.02.2024 10:40:37	0.0529 m	-0.52	-
GMP657	GMP659N	26.02.2024 10:49:15	0.0688 m	-0.14	-
GMP660N	GMP661N	26.02.2024 11:51:07	0.0633 m	0.05	-
GMP659N	GMP661N	26.02.2024 11:51:07	0.0647 m	0.16	-
GMP659N	GMP660N	26.02.2024 10:53:49	0.0619 m	-0.56	-
GMP661N	GMP663N	26.02.2024 11:59:57	0.0660 m	0.06	-
GMP660N	GMP662	26.02.2024 11:52:27	0.0667 m	-0.22	-
GMP661N	GMP662	26.02.2024 11:52:27	0.0604 m	0.14	-
GMP663N	GMP664	26.02.2024 12:53:42	0.0515 m	0.22	-
GMP662	GMP663N	26.02.2024 11:59:57	0.0513 m	-0.11	-
GMP663N	GMP665N	26.02.2024 12:59:22	0.0661 m	-0.37	-
GMP662	GMP664	26.02.2024 12:53:42	0.0556 m	0.07	-
GMP664	GMP665N	26.02.2024 12:59:22	0.0608 m	-0.47	-
GMP664	GMP666N	26.02.2024 13:00:55	0.0617 m	0.82	-
GMP665N	GMP666N	26.02.2024 13:00:55	0.0580 m	-0.45	-
GMP665N	GMP667	26.02.2024 13:56:17	0.0657 m	-0.37	-
GMP666N	GMP668	26.02.2024 14:02:02	0.0530 m	0.13	-
GMP666N	GMP667	26.02.2024 13:56:17	0.0491 m	0.16	-
GMP667	GMP668	26.02.2024 14:02:02	0.0474 m	-0.07	-
GMP667	GMP669	26.02.2024 14:03:12	0.0550 m	-0.05	-
GMP668	GMP669	26.02.2024 14:03:12	0.0550 m	0.05	-
GMP671	GMP672	27.02.2024 07:59:17	0.0495 m	0.07	-
GMP671	GMP673N	27.02.2024 08:08:53	0.0616 m	-0.11	-
GMP670	GMP671	27.02.2024 07:58:57	0.0556 m	-0.02	-
GMP672	GMP673N	27.02.2024 08:08:53	0.0579 m	-0.29	-
GMP670	GMP672	27.02.2024 07:59:17	0.0556 m	0.02	-
GMP672	GMP674	27.02.2024 08:14:24	0.0585 m	0.40	-
GMP673N	GMP674	27.02.2024 08:14:24	0.0517 m	-0.61	-
GMP674	GMP676N	27.02.2024 09:11:37	0.0771 m	-0.12	-
GMP674	GMP675N	27.02.2024 09:14:17	0.0558 m	-0.18	-
GMP673N	GMP675N	27.02.2024 09:14:17	0.0612 m	0.30	-
GMP675N	GMP677N	27.02.2024 09:16:42	0.0661 m	0.35	-

GMP675N	GMP676N	27.02.2024 09:11:37	0.0718 m	-0.27	-
GMP676N	GMP678	27.02.2024 10:18:47	0.0587 m	0.56	-
GMP676N	GMP677N	27.02.2024 09:16:42	0.0532 m	-0.79	-
GMP677N	GMP679	27.02.2024 11:31:12	0.0611 m	-0.11	-
GMP677N	GMP678	27.02.2024 11:34:37	0.0514 m	-0.39	-
GMP678	GMP680N	27.02.2024 12:36:42	0.0760 m	0.24	-
GMP678	GMP679	27.02.2024 11:31:12	0.0629 m	-0.08	-
GMP679	GMP680N	27.02.2024 12:36:42	0.0706 m	-0.09	-
GMP679	GMP681	27.02.2024 10:29:57	0.0702 m	-0.13	-
GMP680N	GMP682N	27.02.2024 10:27:27	0.0763 m	-0.36	-
GMP680N	GMP681	27.02.2024 10:29:57	0.0685 m	0.45	-
GMP681	GMP683	27.02.2024 13:26:57	0.0594 m	0.22	-
GMP681	GMP682N	27.02.2024 10:27:27	0.0556 m	0.05	-
GMP682N	GMP684	27.02.2024 13:30:37	0.0643 m	-0.24	-
GMP682N	GMP683	27.02.2024 13:26:57	0.0590 m	0.00	-
GMP683	GMP684	27.02.2024 13:30:37	0.0505 m	0.13	-
GMP684	GMP685	27.02.2024 13:34:22	0.0564 m	-0.07	-
GMP683	GMP685	27.02.2024 13:34:22	0.0564 m	0.07	-
GMP689	GMP691N	27.02.2024 14:46:50	0.0638 m	-0.16	-
GMP688	GMP690	27.02.2024 14:40:42	0.0582 m	0.05	-
GMP688	GMP689	27.02.2024 14:35:52	0.0582 m	-0.05	-
GMP690	GMP691N	27.02.2024 14:46:50	0.0593 m	-0.02	-
GMP689	GMP690	27.02.2024 14:40:42	0.0513 m	0.09	-
GMP690	GMP692	27.02.2024 14:55:20	0.0578 m	0.17	-
GMP692	GMP694N	27.02.2024 15:55:52	0.0690 m	0.44	-
GMP691N	GMP692	27.02.2024 14:55:20	0.0497 m	-0.10	-
GMP691N	GMP693	27.02.2024 15:50:42	0.0560 m	-0.05	-
GMP692	GMP693	27.02.2024 15:50:42	0.0509 m	-0.28	-
GMP695	GMP696	28.02.2024 08:29:11	0.0516 m	-0.01	-
GMP693	GMP695	28.02.2024 08:27:52	0.0694 m	-0.21	-
GMP694N	GMP695	28.02.2024 08:27:52	0.0749 m	0.12	-
GMP695	GMP697	28.02.2024 08:33:19	0.0560 m	-0.06	-
GMP693	GMP694N	28.02.2024 08:21:07	0.0736 m	-0.25	-
GMP694N	GMP696	28.02.2024 08:29:11	0.0737 m	0.10	-
GMP696	GMP697	28.02.2024 08:33:19	0.0560 m	0.06	-
GMP701	GMP702	28.02.2024 09:33:42	0.0483 m	0.16	-
GMP701	GMP703N	28.02.2024 09:35:43	0.0581 m	-0.29	-
GMP700	GMP701	28.02.2024 09:29:27	0.0549 m	-0.09	-
GMP700	GMP702	28.02.2024 09:33:42	0.0549 m	0.09	-
GMP702	GMP703N	28.02.2024 09:35:43	0.0545 m	-0.60	-
GMP702	GMP704	28.02.2024 09:40:19	0.0570 m	0.91	-
GMP703N	GMP704	28.02.2024 09:40:19	0.0535 m	-1.03	-
GMP704	GMP706	28.02.2024 10:39:12	0.0714 m	-0.19	-
GMP704	GMP705N	28.02.2024 10:34:47	0.0720 m	-0.04	-
GMP703N	GMP705N	28.02.2024 10:34:47	0.0815 m	0.26	-
GMP705N	GMP706	28.02.2024 10:39:12	0.0708 m	0.04	-
GMP705N	GMP707	28.02.2024 10:40:22	0.0758 m	0.16	-
GMP706	GMP708	28.02.2024 11:35:12	0.0539 m	-0.04	-
GMP708	GMP709	28.02.2024 11:38:07	0.0451 m	0.00	-
GMP708	GMP710	28.02.2024 11:39:20	0.0497 m	-0.02	-
GMP706	GMP707	28.02.2024 10:40:22	0.0514 m	-0.07	-
GMP707	GMP708	28.02.2024 11:35:12	0.0465 m	0.02	-
GMP707	GMP709	28.02.2024 11:38:07	0.0507 m	0.01	-
GMP710	GMP711N	28.02.2024 12:34:07	0.0459 m	0.04	-
GMP710	GMP712	28.02.2024 12:35:07	0.0507 m	-0.03	-
GMP709	GMP710	28.02.2024 11:39:20	0.0442 m	0.02	-
GMP709	GMP711N	28.02.2024 12:34:07	0.0507 m	-0.01	-
GMP711N	GMP712	28.02.2024 12:35:07	0.0468 m	0.03	-
GMP711N	GMP713	28.02.2024 12:43:47	0.0519 m	0.00	-
GMP712	GMP713	28.02.2024 12:43:47	0.0454 m	0.01	-
GMP713	GMP714N	28.02.2024 13:37:12	0.0455 m	-0.01	-
GMP713	GMP715	28.02.2024 13:40:50	0.0509 m	0.03	-
GMP712	GMP714N	28.02.2024 13:37:12	0.0505 m	-0.02	-
GMP714N	GMP716	28.02.2024 13:42:12	0.0510 m	-0.07	-
GMP714N	GMP715	28.02.2024 13:40:50	0.0459 m	0.04	-
GMP716	GMP717	28.02.2024 14:37:32	0.0568 m	0.04	-
GMP715	GMP717	28.02.2024 14:37:32	0.0568 m	-0.04	-
GMP715	GMP716	28.02.2024 13:42:12	0.0459 m	0.10	-
GMP720	GMP722	29.02.2024 08:24:02	0.0819 m	-0.06	-
GMP720	GMP721	29.02.2024 08:18:52	0.0819 m	0.06	-
GMP721	GMP722	29.02.2024 08:24:02	0.0682 m	0.04	-
GMP722	GMP723N	29.02.2024 08:27:50	0.0505 m	-0.07	-

GMP721	GMP723N	29.02.2024 08:27:50	0.0717 m	0.02	-
GMP723N	GMP725N	29.02.2024 09:31:22	0.0510 m	0.03	-
GMP724	GMP725N	29.02.2024 09:31:22	0.0460 m	0.15	-
GMP725N	GMP726	29.02.2024 09:30:42	0.0488 m	-0.28	-
GMP725N	GMP727	29.02.2024 09:34:07	0.0654 m	0.62	-
GMP723N	GMP724	29.02.2024 08:34:20	0.0454 m	-0.07	-
GMP724	GMP726	29.02.2024 09:30:42	0.0522 m	-0.19	-
GMP727	GMP728N	29.02.2024 10:28:02	0.1524 m	0.67	-
GMP726	GMP727	29.02.2024 09:34:07	0.0741 m	-0.49	-
GMP727	GMP729N	29.02.2024 10:27:50	0.0812 m	-0.12	-
GMP728N	GMP729N	29.02.2024 10:27:50	0.0726 m	0.59	-
GMP726	GMP728N	29.02.2024 10:28:02	0.0817 m	-0.24	-
GMP728N	GMP730N	29.02.2024 10:32:52	0.0705 m	-0.47	-
GMP731N	GMP733N	29.02.2024 11:31:32	0.0768 m	0.09	-
GMP730N	GMP731N	29.02.2024 11:28:22	0.0910 m	-0.61	-
GMP731N	GMP732N	29.02.2024 11:28:27	0.0737 m	0.16	-
GMP729N	GMP731N	29.02.2024 11:28:22	0.0774 m	0.78	-
GMP729N	GMP730N	29.02.2024 10:32:52	0.0673 m	-0.22	-
GMP730N	GMP732N	29.02.2024 11:28:27	0.0878 m	-0.29	-
GMP732N	GMP734N	29.02.2024 12:21:52	0.0722 m	-0.61	-
GMP732N	GMP733N	29.02.2024 11:31:32	0.0938 m	0.68	-
GMP736	GMP737N	29.02.2024 13:38:07	0.0731 m	-0.32	-
GMP736	GMP738N	29.02.2024 13:31:57	0.0773 m	-0.06	-
GMP737N	GMP739	29.02.2024 13:38:32	0.0657 m	-0.27	-
GMP737N	GMP738N	29.02.2024 13:31:57	0.0575 m	0.28	-
GMP739	GMP740N	29.02.2024 14:31:55	0.0725 m	-0.08	-
GMP739	GMP738N	29.02.2024 13:31:57	0.0670 m	-0.21	-
GMP738N	GMP741N	29.02.2024 14:36:22	0.0882 m	0.11	-
GMP738N	GMP740N	29.02.2024 14:31:55	0.0713 m	-0.01	-
GMP740N	GMP741N	29.02.2024 14:36:22	0.0727 m	-0.24	-
GMP740N	GMP742N	29.02.2024 14:35:32	0.0842 m	0.17	-
GMP741N	GMP744N	29.02.2024 15:33:52	0.1133 m	-0.13	-
GMP741N	GMP742N	29.02.2024 14:35:32	0.0923 m	-0.08	-
GMP733N	GMP734N	01.03.2024 08:20:17	0.0633 m	0.16	-
GMP733N	GMP735N	01.03.2024 08:19:22	0.0740 m	0.43	-
GMP734N	GMP735N	01.03.2024 08:19:22	0.0678 m	-0.17	-
GMP735N	GMP736	01.03.2024 08:25:28	0.1074 m	-0.19	-
GMP735N	GMP737N	01.03.2024 08:30:43	0.0885 m	0.46	-
GMP734N	GMP736	01.03.2024 08:25:28	0.0969 m	-0.33	-
GMP744N	GMP745N	01.03.2024 09:34:37	0.0488 m	-0.72	-
GMP744N	GMP746N	01.03.2024 09:40:17	0.0543 m	-0.52	-
GMP746N	GMP748N	01.03.2024 09:45:01	0.0586 m	-0.05	-
GMP745N	GMP746N	01.03.2024 09:40:17	0.0500 m	0.34	-
GMP746N	GMP747N	01.03.2024 09:45:25	0.0541 m	-0.11	-
GMP745N	GMP747N	01.03.2024 09:45:25	0.0598 m	0.17	-
GMP748N	GMP749N	01.03.2024 10:41:17	0.0992 m	0.12	-
GMP748N	GMP750N	01.03.2024 10:44:12	0.1022 m	-0.27	-
GMP747N	GMP748N	01.03.2024 09:45:01	0.0563 m	-0.03	-
GMP747N	GMP749N	01.03.2024 10:41:17	0.1014 m	0.14	-
GMP749N	GMP750N	01.03.2024 10:44:12	0.1152 m	0.22	-
GMP749N	GMP751N	01.03.2024 10:46:47	0.1107 m	0.07	-
GMP752N	GMP754N	01.03.2024 11:45:20	0.0767 m	-0.62	-
GMP750N	GMP752N	01.03.2024 11:46:47	0.0825 m	-0.06	-
GMP751N	GMP752N	01.03.2024 11:46:47	0.0649 m	-0.10	-
GMP752N	GMP753N	01.03.2024 11:41:22	0.0681 m	0.39	-
GMP751N	GMP753N	01.03.2024 11:41:22	0.0719 m	0.16	-
GMP750N	GMP751N	01.03.2024 10:46:47	0.0765 m	0.01	-
GMP758N	GMP759	01.03.2024 12:56:12	0.0712 m	0.08	-
GMP758N	GMP760	01.03.2024 12:54:27	0.0753 m	-0.08	-
GMP759	GMP760	01.03.2024 12:54:27	0.0753 m	0.08	-
GMP754N	GMP759	01.03.2024 12:56:12	0.0805 m	0.00	-
GMP753N	GMP758N	01.03.2024 12:58:52	0.0859 m	0.02	-
GMP754N	GMP758N	01.03.2024 12:58:52	0.0769 m	-0.02	-
GMP753N	GMP754N	01.03.2024 11:45:20	0.0734 m	0.57	-
GMP768	GMP770	01.03.2024 14:22:12	0.0840 m	-0.50	-
GMP768	GMP769N	01.03.2024 14:21:20	0.0890 m	0.29	-
GMP766	GMP768	01.03.2024 14:16:42	0.0713 m	-0.07	-
GMP767	GMP768	01.03.2024 14:16:42	0.0663 m	-0.12	-
GMP767	GMP769N	01.03.2024 14:21:20	0.0980 m	0.28	-
GMP766	GMP767	01.03.2024 14:15:22	0.0713 m	0.07	-
GMP770	GMP771N	04.03.2024 09:24:42	0.0696 m	0.04	-
GMP770	GMP772	04.03.2024 09:32:28	0.0673 m	0.19	-

GMP771N	GMP773N	04.03.2024 09:39:54	0.0648 m	-0.08	-
GMP771N	GMP772	04.03.2024 09:32:28	0.0646 m	-0.11	-
GMP772	GMP773N	04.03.2024 09:39:54	0.0605 m	0.31	-
GMP772	GMP774N	04.03.2024 10:35:52	0.0620 m	-0.24	-
GMP778	GMP779N	04.03.2024 12:55:07	0.0745 m	1.65	-
GMP779N	GMP781N	04.03.2024 13:01:25	0.0738 m	-1,47	-
GMP779N	GMP780N	04.03.2024 12:57:52	0.0765 m	-1.17	-
GMP778	GMP780N	04.03.2024 12:57:52	0.0715 m	1.32	-
GMP780N	GMP782	04.03.2024 13:58:37	0.0698 m	1.81	-
GMP780N	GMP781N	04.03.2024 13:01:25	0.0701 m	1.48	-
GMP781N	GMP782	04.03.2024 13:58:37	0.0757 m	-0.61	-
GMP781N	GMP783N	04.03.2024 14:04:31	0.0701 m	-1.26	-
GMP782	GMP784N	04.03.2024 14:09:22	0.0616 m	0.61	-
GMP782	GMP783N	04.03.2024 14:04:31	0.0548 m	0.44	-
GMP783N	GMP785N	04.03.2024 15:16:47	0.0646 m	-0.12	-
GMP783N	GMP784N	04.03.2024 14:09:22	0.0547 m	-0.44	-
GMP784N	GMP785N	04.03.2024 15:16:47	0.0631 m	0.11	-
GMP784N	GMP786N	04.03.2024 15:25:12	0.0659 m	0.00	-
GMP785N	GMP787N	04.03.2024 15:31:19	0.0764 m	0.42	-
GMP785N	GMP786N	04.03.2024 15:25:12	0.0665 m	-0.37	-
GMP788	GMP790	04.03.2024 16:34:34	0.0725 m	-0.06	-
GMP789	GMP790	04.03.2024 16:34:34	0.0725 m	0.06	-
GMP787N	GMP789	04.03.2024 16:28:02	0.0857 m	0.26	-
GMP788	GMP789	04.03.2024 16:28:02	0.0631 m	-0.14	-
GMP787N	GMP788	04.03.2024 16:27:37	0.0799 m	0.09	-
GMP786N	GMP788	04.03.2024 16:27:37	0.0773 m	-0.32	-
GMP786N	GMP787N	04.03.2024 15:31:19	0.0749 m	-0.10	-
GMP743N	GMP745N	04.03.2024 18:27:37	0.0561 m	1.36	-
GMP743N	GMP744N	04.03.2024 18:13:27	0.0498 m	-0.75	-
GMP742N	GMP743N	04.03.2024 17:57:57	0.0572 m	0.52	-
GMP742N	GMP744N	04.03.2024 18:13:27	0.0556 m	-0.44	-
GMP769N	GMP770	05.03.2024 08:00:07	0.0850 m	0.81	-
GMP769N	GMP771N	05.03.2024 07:56:42	0.0790 m	-0.27	-
GMP773N	GMP775	05.03.2024 09:09:37	0.0663 m	-0.02	-
GMP773N	GMP774N	05.03.2024 09:03:07	0.0626 m	0.27	-
GMP774N	GMP776	05.03.2024 09:27:44	0.0543 m	0.46	-
GMP774N	GMP775	05.03.2024 09:09:37	0.0499 m	-0.41	-
GMP775	GMP776	05.03.2024 09:27:44	0.0475 m	0.71	-
GMP775	GMP777	05.03.2024 09:20:19	0.0527 m	-1.24	-
GMP776	GMP777	05.03.2024 09:20:19	0.0475 m	-1.81	-
GMP776	GMP778	05.03.2024 10:25:22	0.0560 m	1.45	-
GMP777	GMP778	05.03.2024 10:25:22	0.0528 m	1.42	-
GMP777	GMP779N	05.03.2024 10:28:37	0.0776 m	-1.75	-
GMP796	GMP797	05.03.2024 11:32:52	0.0884 m	0.03	-
GMP796	GMP798	05.03.2024 11:54:02	0.0884 m	-0.03	-
GMP797	GMP798	05.03.2024 11:54:02	0.0884 m	0.03	-
GMP799N	GMP800	05.03.2024 13:03:19	0.0521 m	-0.25	-
GMP798	GMP799N	05.03.2024 13:43:01	0.0735 m	0.03	-
GMP799N	GMP801	05.03.2024 12:58:42	0.0586 m	0.30	-
GMP798	GMP800	05.03.2024 13:03:19	0.0735 m	-0.03	-
GMP801	GMP802	05.03.2024 14:44:02	0.0624 m	0.16	-
GMP800	GMP802	05.03.2024 14:44:02	0.0624 m	-0.16	-
GMP800	GMP801	05.03.2024 12:58:42	0.0519 m	-0.13	-

8. IZVEŠTAJ TRANSFORMACIJE

Leica Geosystems AG
Heinrich Wild Strasse
CH-9435 Heerbrugg
St. Gallen, Switzerland

Phone: + 41 71 727 3131
Fax: + 41 71 727 4674

- when it has to be right

Coordinate System Report

Report created: 13.03.2024 13:50:53

Project Details

General		Customer Details		Master Coordinate System	
Project Name:	PRUGA_KARIN KOMERC	Customer Name:	-	Coordinate System Name:	0448 NS-Sub
Owner:	-	Contact Person:	-	Transformation Type:	Classical 3D
Lead Surveyor:	-	Number:	-	Residual Distribution:	None
Date Created:	03.03.2024 12:30:22	Email:	-	Ellipsoid:	Bessel
Last Accessed:	13.03.2024 13:49:30	Skype:	-	Projection Type:	Transverse Mercator
Application Software:	Infinity 4.0.0	Website:	-	Geoid Model:	-
				CSCS Model:	-

Path:	C:\Users\TOP-PC\Documents\Leica Geosystems\Infinity\Projects\PRUGA_KARIN KOMERC\PRUGA_KARIN KOMERC.iprj
Size:	207.5 MB
Comments:	-

Coordinate System: 0448 NS-Sub

Summary

Transformation:	III 0448 NS-Sub	Projection:	Gauss-Kriger7
Transformation Type:	Classical 3D	Projection Type:	Transverse Mercator
Residual Distribution:	None	Geoid Model:	None
Ellipsoid:	Bessel	CSCS Model:	None

Transformation: III 0448 NS-Sub - Classical 3D

Parameters

Height Mode:	Orthometric
Model:	Bursa Wolf
Common Points:	36
Δx:	-472.9947 m
Δy:	-155.2273 m
Δz:	-361.0456 m
Rx:	6.77348 "
Ry:	1.49876 "
Rz:	-11.65833 "
Scale:	0.999977520430
x0:	0.0000 m
y0:	0.0000 m
z0:	0.0000 m

Common Points

System A

#	Point Id	Point Role	Use	WGS84 Cartesian X [m]	WGS84 Cartesian Y [m]	WGS84 Cartesian Z [m]
1	93_N17	Control	Position & Height	4231054.6520	1520891.0700	4508914.5360
2	537S_B33	Control	Position & Height	4200635.1530	1499028.2230	4544334.8490
3	128_S28	Control	Position & Height	4180084.7670	1488613.5970	4566518.2150
4	11_485_K41	Control	Position & Height	4210981.6050	1500136.6090	4534432.7870
5	872/N17-G	Control	Position & Height	4217554.2330	1510218.7090	4525011.0840
6	472_B33	Control	Position & Height	4207650.9160	1505499.2780	4535730.3800
7	403S/K41-G	Control	Position & Height	4214064.3190	1500892.1070	4531322.1910
8	30_B33	Control	Position & Height	4180611.4630	1503832.7240	4561068.8160
9	29/460/K41-G	Control	Position & Height	4213502.5970	1508926.5810	4529184.3820

10	207_S28	Control	Position & Height	4172088.3990	1494382.2590	4571892.4650
11	495_B33	Control	Position & Height	4204338.0280	1502842.1240	4539673.8680
12	1_B33	Control	Position & Height	4204542.5110	1498352.7150	4540970.7170
13	156/S28-G	Control	Position & Height	4167544.5620	1488577.1540	4577909.0940
14	784_N17	Control	Position & Height	4227080.0310	1510841.0920	4515969.2190
15	37Z/N17	Control	Position & Height	4231445.3890	1526472.1750	4506670.5530
16	78Z/N17	Control	Position & Height	4230656.1250	1523396.6770	4508439.4660
17	45/B33-G	Control	Position & Height	4185780.3960	1499645.7850	4557725.4850
18	372_S28	Control	Position & Height	4181575.7440	1493180.8480	4563667.9010
19	214/S28-G	Control	Position & Height	4175534.7420	1493808.3490	4568955.6740
20	723/N17-G	Control	Position & Height	4229586.4760	1516833.2280	4511643.3360
21	833_N17	Control	Position & Height	4225935.7500	1527008.9380	4511630.2810
22	221_S28	Control	Position & Height	4174861.0560	1491270.0850	4570396.7340
23	196/S28-G	Control	Position & Height	4172259.8530	1486769.6760	4574220.6400
24	80/N17	Control	Position & Height	4231929.6740	1528970.4520	4505460.3390
25	56_S28	Control	Position & Height	4190174.0060	1494954.7800	4555252.9420
26	31Z/N17	Control	Position & Height	4231995.3530	1525278.6690	4506556.8960
27	82/N17	Control	Position & Height	4229933.6320	1523690.3660	4509012.7960
28	182/N17	Control	Position & Height	4232097.9100	1530460.9370	4504790.8070
29	94/N17	Control	Position & Height	4230923.5600	1522341.8800	4508548.0760
30	85/N17-G	Control	Position & Height	4228072.2640	1521635.0600	4511439.0350
31	70_B33	Control	Position & Height	4195380.8410	1498543.6440	4549314.8340
32	318Z_S28	Control	Position & Height	4191827.1400	1497010.6060	4553066.7230
33	236_S28	Control	Position & Height	4175703.4040	1486939.6690	4571048.8800
34	15_K41	Control	Position & Height	4214548.4760	1493746.3610	4533218.4200
35	15_B39	Control	Position & Height	4202896.2630	1509057.6870	4538943.8340
36	95/N17	Control	Position & Height	4231713.0960	1521833.2240	4507983.2540

System B

#	Point Id	Point Role	Use	X [m]	Y [m]	Z [m]
1	93_N17	Control	Position & Height	4230367.7562	1521088.8162	4508432.8813
2	537S_B33	Control	Position & Height	4199949.9624	1499225.8746	4543852.8822
3	128_S28	Control	Position & Height	4179400.3293	1488811.1614	4566036.0779
4	11_485_K41	Control	Position & Height	4210296.3248	1500334.5616	4533951.1089
5	872/N17-G	Control	Position & Height	4216868.4104	1510416.5935	4524529.2323
6	472_B33	Control	Position & Height	4206965.4098	1505697.0366	4535248.4518
7	403S/K41-G	Control	Position & Height	4213378.9325	1501090.0168	4530840.5987
8	30_B33	Control	Position & Height	4179926.5254	1504029.8482	4560586.2024
9	29/460/K41-G	Control	Position & Height	4212816.7294	1509124.3088	4528702.6262
10	207_S28	Control	Position & Height	4171403.8949	1494579.4572	4571409.9010
11	495_B33	Control	Position & Height	4203652.5191	1503039.7519	4539191.9667
12	1_B33	Control	Position & Height	4203857.2293	1498550.4597	4540488.9140
13	156/S28-G	Control	Position & Height	4166860.4339	1488774.2760	4577426.4877
14	784_N17	Control	Position & Height	4226394.0197	1511039.0629	4515487.6330
15	37Z/N17	Control	Position & Height	4230758.0413	1526669.7180	4506188.9783
16	78Z/N17	Control	Position & Height	4229969.0105	1523594.2898	4507957.8936
17	45/B33-G	Control	Position & Height	4185095.3879	1499843.0438	4557243.3267
18	372_S28	Control	Position & Height	4180891.2973	1493378.2161	4563185.6527
19	214/S28-G	Control	Position & Height	4174850.2683	1494005.6408	4568473.2318
20	723/N17-G	Control	Position & Height	4228899.9066	1517031.2248	4511161.7294
21	833_N17	Control	Position & Height	4225248.6459	1527206.5652	4511148.3625
22	221_S28	Control	Position & Height	4174176.6778	1491467.2129	4569914.4259
23	196/S28-G	Control	Position & Height	4171575.7083	1486966.9708	4573738.2110
24	80/N17	Control	Position & Height	4231242.4208	1529167.9851	4504978.5432
25	56_S28	Control	Position & Height	4189489.0863	1495152.5380	4554770.9140
26	31Z/N17	Control	Position & Height	4231308.1526	1525476.1905	4506075.3139
27	82/N17	Control	Position & Height	4229246.5371	1523887.9011	4508531.1815
28	182/N17	Control	Position & Height	4231410.4966	1530658.5562	4504308.9123
29	94/N17	Control	Position & Height	4230236.5747	1522539.5307	4508066.4705
30	85/N17-G	Control	Position & Height	4227385.4680	1521832.8178	4510957.2827
31	70_B33	Control	Position & Height	4194695.6310	1498741.3505	4548832.7430
32	318Z_S28	Control	Position & Height	4191142.1659	1497208.3022	4552584.4688
33	236_S28	Control	Position & Height	4175019.2066	1487137.1323	4570566.5212
34	15_K41	Control	Position & Height	4213863.5537	1493944.6789	4532736.9823
35	15_B39	Control	Position & Height	4202210.5658	1509254.9597	4538461.7927
36	95/N17	Control	Position & Height	4231026.1600	1522030.9158	4507501.6597

Residuals

#	Point Id (A)	Point Id (B)	Use	Residual X [m]	Residual Y [m]	Residual Z [m]
1	93_N17	93_N17	Position & Height	0.0514	0.0350	0.0482
2	537S_B33	537S_B33	Position & Height	0.0083	0.0649	0.0608
3	128_S28	128_S28	Position & Height	0.1448	-0.0468	-0.0749

4	11_485_K41	11_485_K41	Position & Height	-0.1254	-0.0014	0.0336
5	872/N17-G	872/N17-G	Position & Height	-0.2321	-0.0979	0.1356
6	472_B33	472_B33	Position & Height	-0.1371	-0.0736	0.0541
7	403S/K41-G	403S/K41-G	Position & Height	-0.1086	0.0965	0.0152
8	30_B33	30_B33	Position & Height	-0.1878	-0.0980	0.0282
9	29/460/K41-G	29/460/K41-G	Position & Height	-0.0534	-0.0041	-0.0412
10	207_S28	207_S28	Position & Height	0.0258	-0.0858	-0.0163
11	495_B33	495_B33	Position & Height	0.0616	0.0591	0.0018
12	1_B33	1_B33	Position & Height	0.0742	0.0974	0.0233
13	156/S28-G	156/S28-G	Position & Height	0.0364	0.0617	0.0484
14	784_N17	784_N17	Position & Height	-0.2270	0.0432	0.1220
15	37Z/N17	37Z/N17	Position & Height	0.1953	0.0611	-0.1619
16	78Z/N17	78Z/N17	Position & Height	0.1408	0.0739	-0.1086
17	45/B33-G	45/B33-G	Position & Height	0.0275	0.0439	-0.1769
18	372_S28	372_S28	Position & Height	-0.1172	0.0375	-0.0387
19	214/S28-G	214/S28-G	Position & Height	-0.0282	-0.0681	-0.0282
20	723/N17-G	723/N17-G	Position & Height	-0.0325	-0.1178	0.0612
21	833_N17	833_N17	Position & Height	0.0092	-0.1838	0.0128
22	221_S28	221_S28	Position & Height	0.0243	0.1620	-0.1162
23	196/S28-G	196/S28-G	Position & Height	0.0760	0.0748	0.0476
24	80/N17	80/N17	Position & Height	-0.0425	0.0024	0.0079
25	56_S28	56_S28	Position & Height	0.1235	-0.1827	-0.0657
26	31Z/N17	31Z/N17	Position & Height	0.1040	0.1368	-0.1088
27	82/N17	82/N17	Position & Height	0.1167	0.1230	-0.0944
28	182/N17	182/N17	Position & Height	0.0346	-0.1297	0.0742
29	94/N17	94/N17	Position & Height	0.0644	0.0784	-0.0415
30	85/N17-G	85/N17-G	Position & Height	-0.0418	-0.0791	0.0428
31	70_B33	70_B33	Position & Height	0.1370	-0.1125	0.0509
32	318Z_S28	318Z_S28	Position & Height	0.0404	-0.1455	0.1542
33	236_S28	236_S28	Position & Height	0.0646	-0.0070	0.0681
34	15_K41	15_K41	Position & Height	-0.1935	-0.0614	0.0562
35	15_B39	15_B39	Position & Height	-0.0637	0.1691	-0.0564
36	95/N17	95/N17	Position & Height	0.0303	0.0747	-0.0175

#	Point Id (A)	Point Id (B)	Use	Residual E [m]	Residual N [m]	Residual Height [m]
1	93_N17	93_N17	Position & Height	0.0155	-0.0089	0.0765
2	537S_B33	537S_B33	Position & Height	0.0583	0.0213	0.0642
3	128_S28	128_S28	Position & Height	-0.0927	-0.1388	0.0299
4	11_485_K41	11_485_K41	Position & Height	0.0407	0.1082	-0.0590
5	872/N17-G	872/N17-G	Position & Height	-0.0139	0.2745	-0.0797
6	472_B33	472_B33	Position & Height	-0.0231	0.1478	-0.0689
7	403S/K41-G	403S/K41-G	Position & Height	0.1273	0.0606	-0.0381
8	30_B33	30_B33	Position & Height	-0.0286	0.1704	-0.1257
9	29/460/K41-G	29/460/K41-G	Position & Height	0.0142	0.0080	-0.0655
10	207_S28	207_S28	Position & Height	-0.0894	-0.0079	-0.0149
11	495_B33	495_B33	Position & Height	0.0349	-0.0545	0.0557
12	1_B33	1_B33	Position & Height	0.0668	-0.0571	0.0883
13	156/S28-G	156/S28-G	Position & Height	0.0458	-0.0062	0.0730
14	784_N17	784_N17	Position & Height	0.1171	0.2275	-0.0532
15	37Z/N17	37Z/N17	Position & Height	-0.0088	-0.2591	0.0290
16	78Z/N17	78Z/N17	Position & Height	0.0218	-0.1884	0.0337
17	45/B33-G	45/B33-G	Position & Height	0.0321	-0.1523	-0.0987
18	372_S28	372_S28	Position & Height	0.0747	0.0434	-0.0958
19	214/S28-G	214/S28-G	Position & Height	-0.0546	0.0161	-0.0547
20	723/N17-G	723/N17-G	Position & Height	-0.1000	0.0931	-0.0060
21	833_N17	833_N17	Position & Height	-0.1760	0.0472	-0.0287
22	221_S28	221_S28	Position & Height	0.1444	-0.1364	-0.0300
23	196/S28-G	196/S28-G	Position & Height	0.0450	-0.0367	0.1013
24	80/N17	80/N17	Position & Height	0.0167	0.0334	-0.0220
25	56_S28	56_S28	Position & Height	-0.2136	-0.0851	-0.0089
26	31Z/N17	31Z/N17	Position & Height	0.0934	-0.1790	0.0243
27	82/N17	82/N17	Position & Height	0.0762	-0.1740	0.0395
28	182/N17	182/N17	Position & Height	-0.1337	0.0605	0.0445
29	94/N17	94/N17	Position & Height	0.0520	-0.0911	0.0318
30	85/N17-G	85/N17-G	Position & Height	-0.0602	0.0771	-0.0161
31	70_B33	70_B33	Position & Height	-0.1520	-0.0299	0.1000
32	318Z_S28	318Z_S28	Position & Height	-0.1506	0.1153	0.1031
33	236_S28	236_S28	Position & Height	-0.0283	0.0051	0.0897
34	15_K41	15_K41	Position & Height	0.0068	0.1843	-0.1018
35	15_B39	15_B39	Position & Height	0.1807	-0.0374	-0.0423
36	95/N17	95/N17	Position & Height	0.0601	-0.0505	0.0254

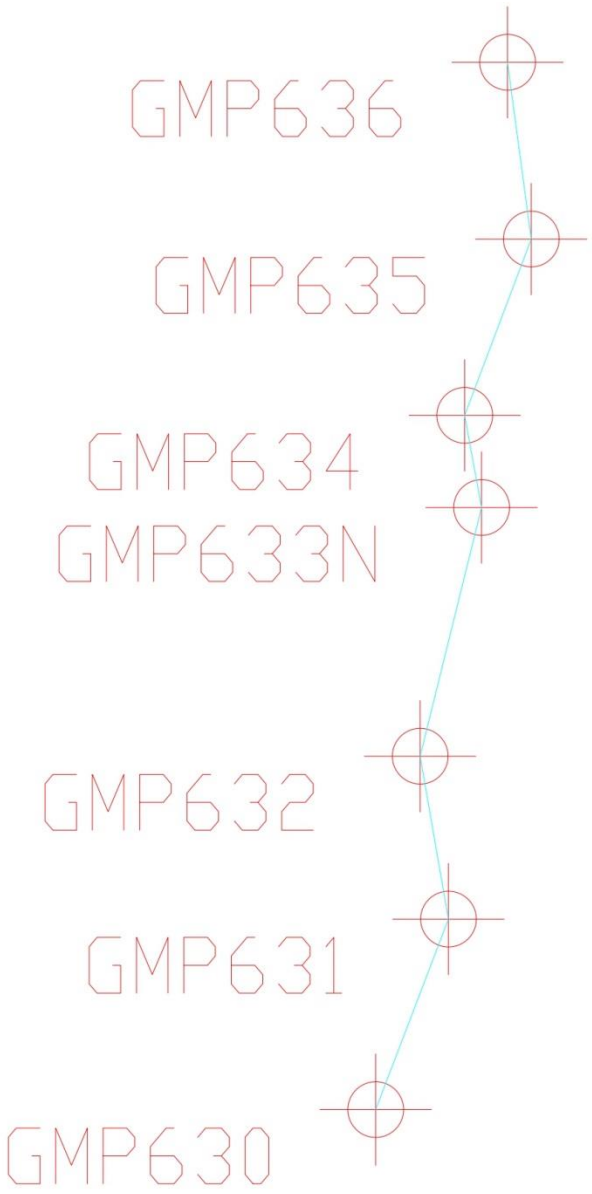
Ellipsoid: Bessel

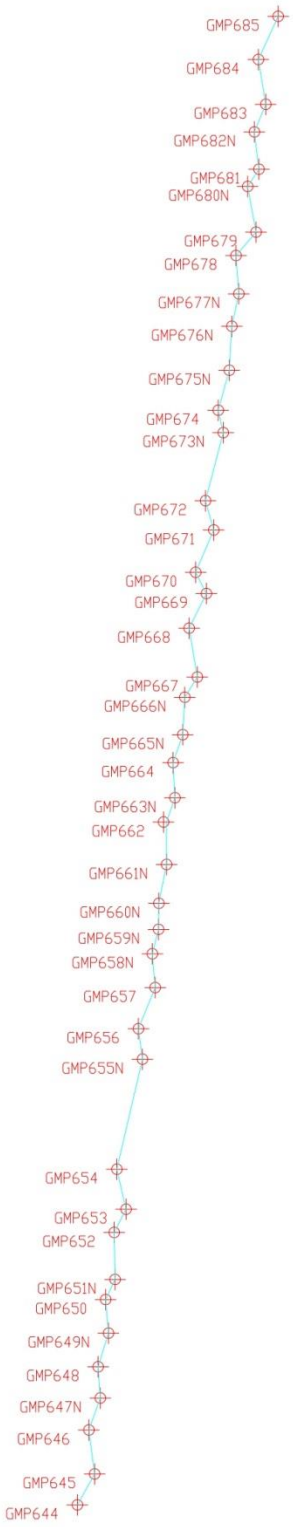
Semi-Major Axis (a):	6377397.1550 m
Reciprocal Flattening (1/f):	299.1528128500

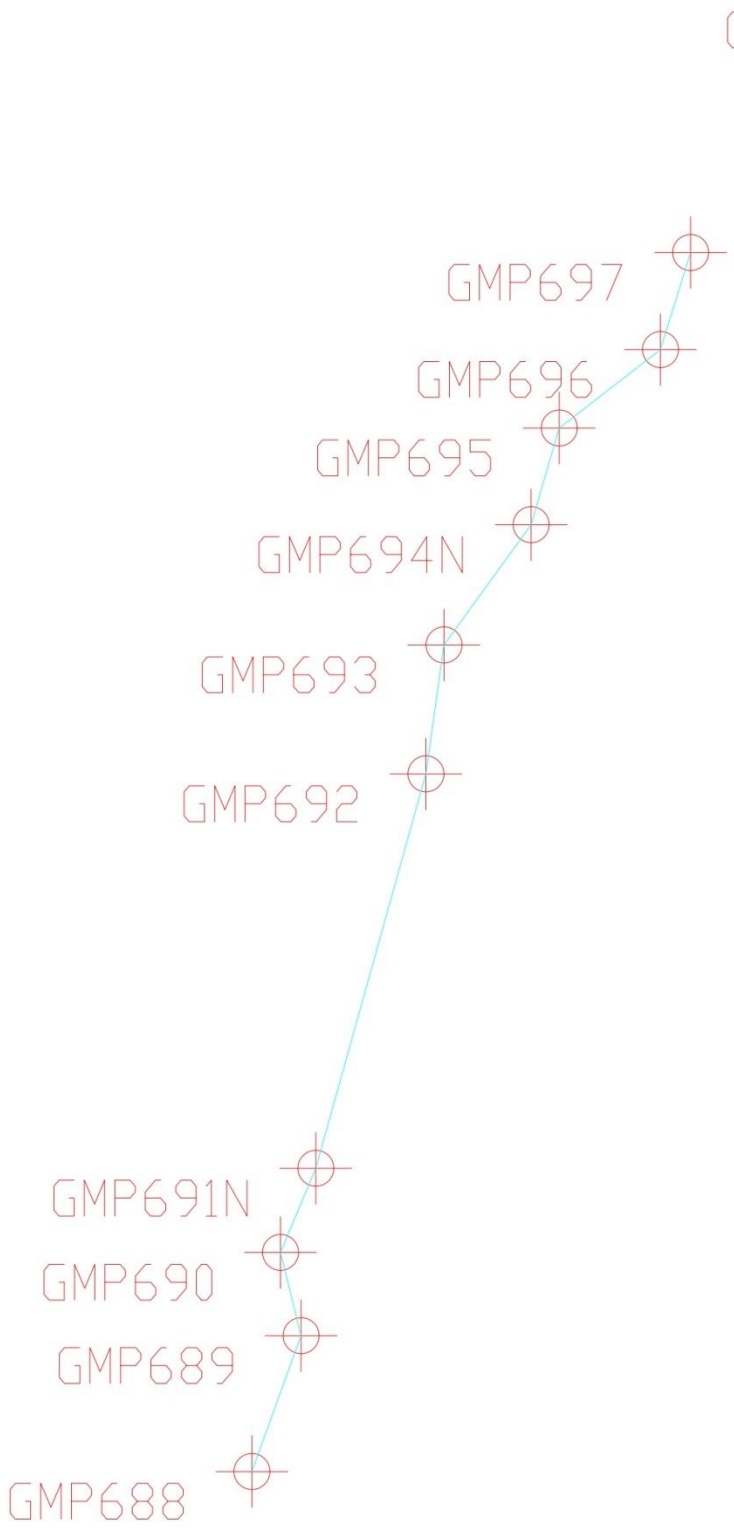
Projection: Gauss-Kriger7

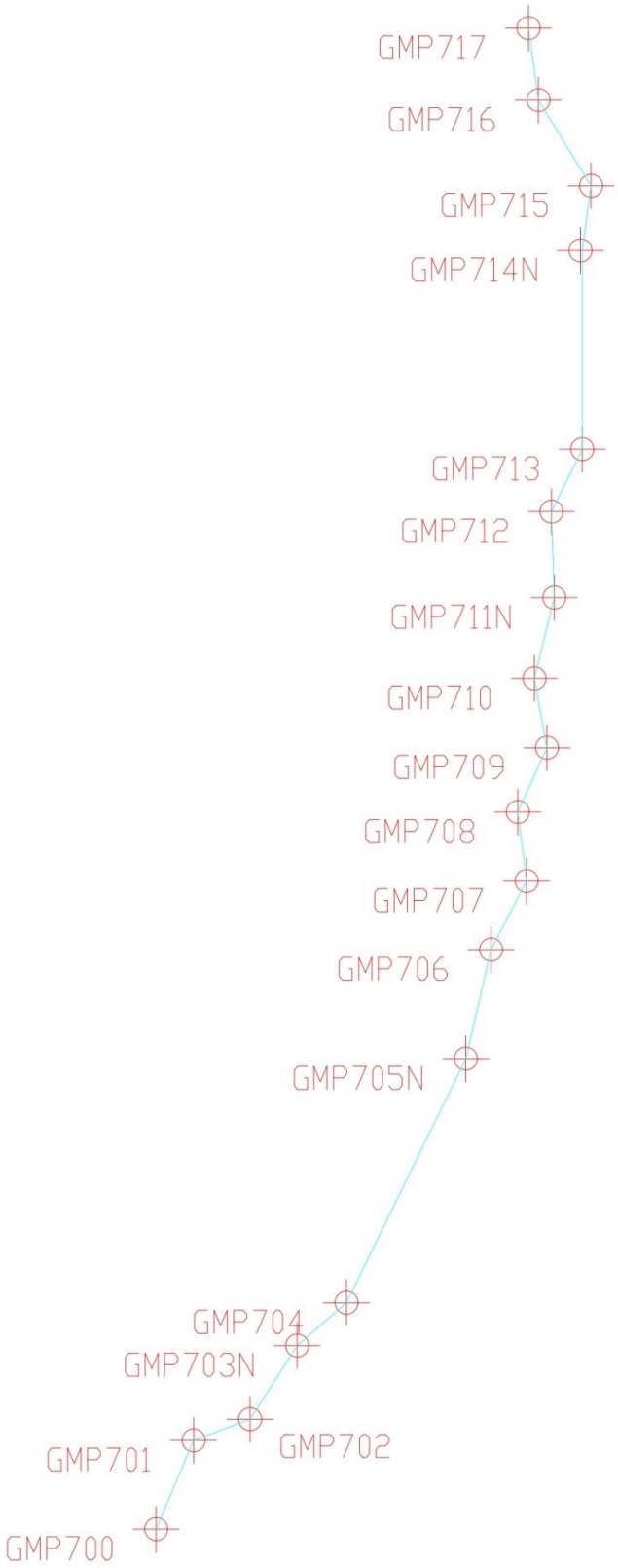
Type:	Transverse Mercator
False Easting:	7500000.0000 m
False Northing:	0.0000 m
Latitude of Origin:	0° 00' 00.00" N
Central Meridian:	21° 00' 00.00" E
Scale Factor at Origin:	0.999900000000
Zone Width:	3° 00' 00.00"

9. PLAN MERENJA U 1D MREŽI

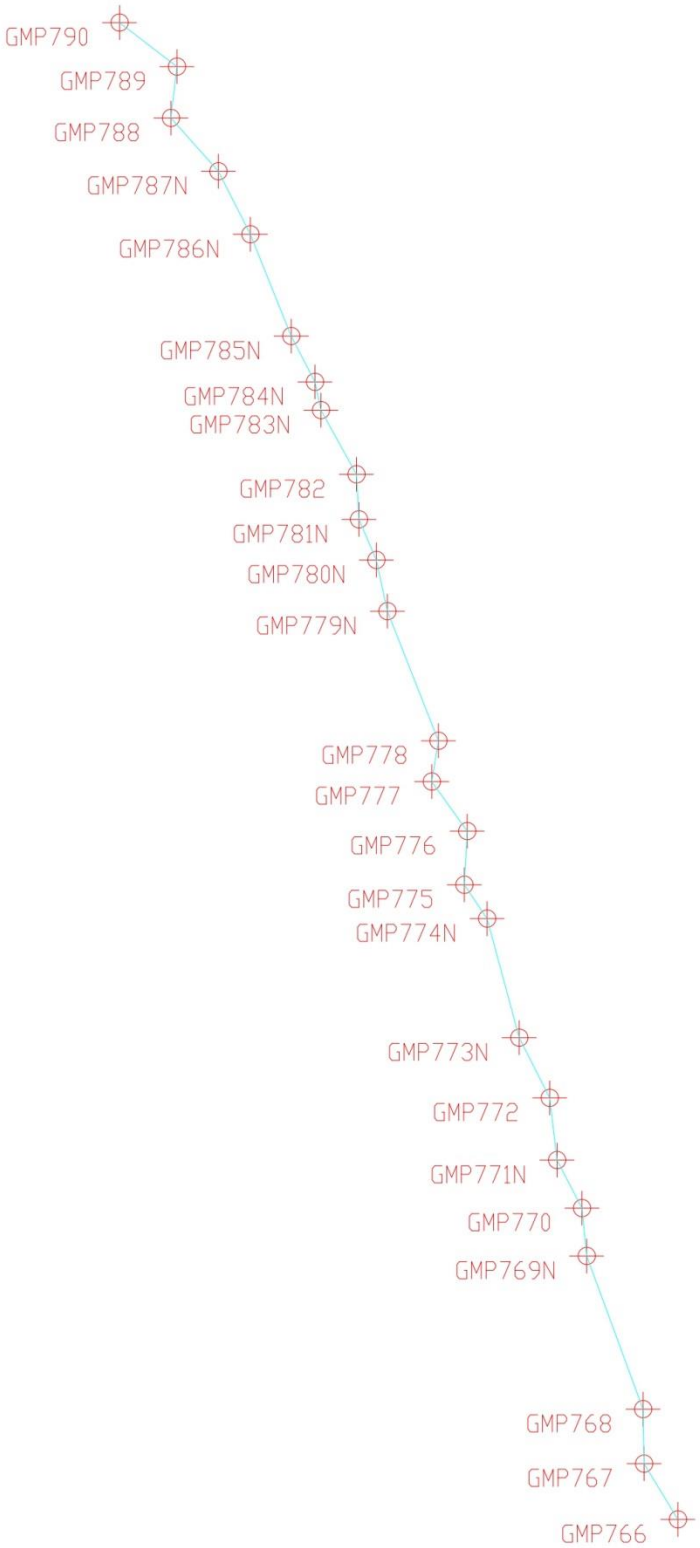

GMP636
GMP635
GMP634
GMP633N
GMP632
GMP631
GMP630

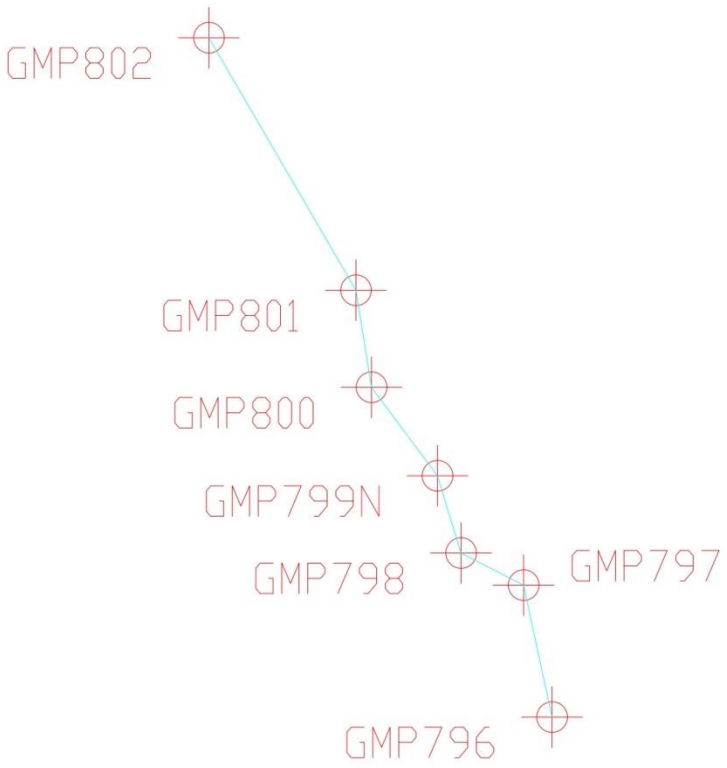

GMP685
GMP684
GMP683
GMP682N
GMP681
GMP680N
GMP679
GMP678
GMP677N
GMP676N
GMP675N
GMP674
GMP673N
GMP672
GMP671
GMP670
GMP669
GMP668
GMP667
GMP666N
GMP665N
GMP664
GMP663N
GMP662
GMP661N
GMP660N
GMP659N
GMP658N
GMP657
GMP656
GMP655N
GMP654
GMP653
GMP652
GMP651N
GMP650
GMP649N
GMP648
GMP647N
GMP646
GMP645
GMP644


GMP697
GMP696
GMP695
GMP694N
GMP693
GMP692
GMP691N
GMP690
GMP689
GMP688


GMP717
GMP716
GMP715
GMP714N
GMP713
GMP712
GMP711N
GMP710
GMP709
GMP708
GMP707
GMP706
GMP705N
GMP704
GMP703N
GMP702
GMP701
GMP700

GMP760
GMP759
GMP758N
GMP754N
GMP753N
GMP752N
GMP751N
GMP750N
GMP749N
GMP748N
GMP747N
GMP746N
GMP745N
GMP743N
GMP744N
GMP742N
GMP741N
GMP740N
GMP738N
GMP739
GMP737N
GMP736
GMP735N
GMP733N
GMP734N
GMP732N
GMP731N
GMP730N
GMP729N
GMP728N
GMP727
GMP726
GMP725N
GMP724
GMP723N
GMP722
GMP721
GMP720


GMP790
GMP789
GMP788
GMP787N
GMP786N
GMP785N
GMP784N
GMP783N
GMP782
GMP781N
GMP780N
GMP779N
GMP778
GMP777
GMP776
GMP775
GMP774N
GMP773N
GMP772
GMP771N
GMP770
GMP769N
GMP768
GMP767
GMP766


GMP802
GMP801
GMP800
GMP799N
GMP798
GMP797
GMP796

10. ORIGINAL NIVELMANSKA MERENJA

Leica Geosystems AG
Heinrich Wild Strasse
CH-9435 Heerbrugg
St. Gallen, Switzerland

Phone: + 41 71 727 3131
Fax: + 41 71 727 4674

- when it has to be right

Level Report

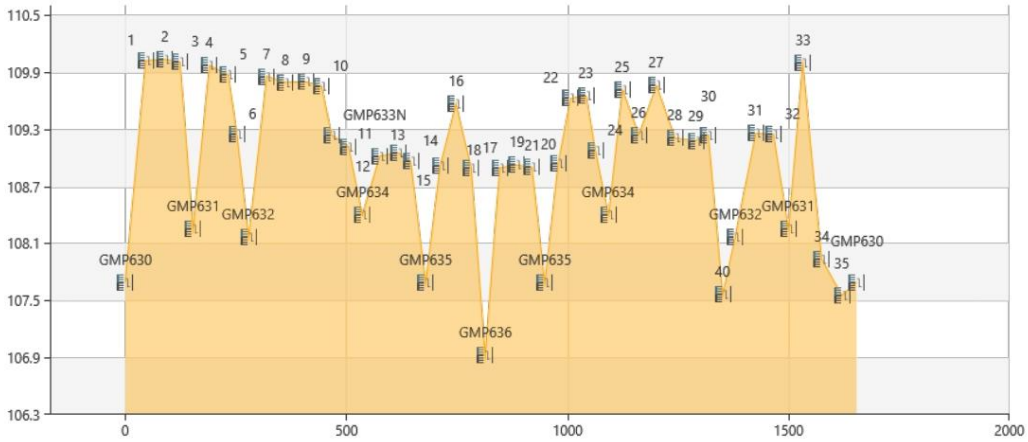
Report created: 03.04.2024 10:26:29

Project Details

General		Customer Details		Master Coordinate System	
Project Name:	1	Customer Name:	-	Coordinate System Name:	None
Owner:	-	Contact Person:	-	Transformation Type:	-
Lead Surveyor:	-	Number:	-	Residual Distribution:	-
Date Created:	03.04.2024 10:26:08	Email:	-	Ellipsoid:	-
Last Accessed:	03.04.2024 10:26:08	Skype:	-	Projection Type:	-
Application Software:	Infinity 4.0.0	Website:	-	Geoid Model:	-
				CSCS Model:	-

Path:	C:\Users\TOP-PC\Documents\Leica Geosystems\Infinity\Projects\1\1.iprj
Size:	0.1 MB
Comments:	-

Level Line Id: Line 001



General

Date/Time	2.4.2024. 16:30:35	Instrument Type:	
Staff One Id:	-	Method:	BF
Staff Two Id:	-	Stations:	47
Start Point:	GMP630	Observations:	94
End Point:	GMP630		

Results

Height Difference:	-0.0030 m	Height Error / Point:	-0.0001 m
Length:	1653.9852 m	Total Distance Balance:	-7.6196 m
Misclosure:	-0.0030 m	Total Station Difference:	-

Processing Parameters

Adjustment Method:	No Adjustment
Staff Corrections:	Not Applied

Points

Point Id	Date/Time	Height [m]	ΔHeight [m]	SD [m]
GMP630	2.4.2024. 16:30:36	107.6926	-	0.0019
1	2.4.2024. 16:30:40	110.0203	2.3277	0.0003
2	2.4.2024. 16:30:44	110.0364	0.0161	0.0004

3	2.4.2024. 16:30:48	110.0051	-0.0313	0.0005
GMP631	2.4.2024. 16:30:52	108.2537	-1.7514	0.0006
4	2.4.2024. 16:30:56	109.9704	1.7166	0.0006
5	2.4.2024. 16:31:00	109.8732	-0.0971	0.0007
6	2.4.2024. 16:31:04	109.2514	-0.6218	0.0007
GMP632	2.4.2024. 16:31:08	108.1660	-1.0854	0.0008
7	2.4.2024. 16:31:12	109.8549	1.6889	0.0008
8	2.4.2024. 16:31:16	109.7905	-0.0644	0.0009
9	2.4.2024. 16:31:20	109.7984	0.0079	0.0009
10	2.4.2024. 16:31:24	109.7522	-0.0462	0.0010
GMP633N	2.4.2024. 16:31:28	109.2415	-0.5107	0.0010
11	2.4.2024. 16:31:32	109.1180	-0.1235	0.0011
GMP634	2.4.2024. 16:31:36	108.3976	-0.7204	0.0011
12	2.4.2024. 16:31:40	109.0175	0.6200	0.0011
13	2.4.2024. 16:31:44	109.0550	0.0374	0.0012
14	2.4.2024. 16:31:48	108.9638	-0.0912	0.0012
GMP635	2.4.2024. 16:31:52	107.6851	-1.2787	0.0012
15	2.4.2024. 16:31:56	108.9142	1.2291	0.0013
16	2.4.2024. 16:32:00	109.5675	0.6533	0.0013
17	2.4.2024. 16:32:04	108.8913	-0.6763	0.0013
GMP636	2.4.2024. 16:32:08	106.9244	-1.9669	0.0014
18	2.4.2024. 16:32:12	108.8937	1.9693	0.0014
19	2.4.2024. 16:32:16	108.9255	0.0317	0.0014
20	2.4.2024. 16:32:20	108.9023	-0.0231	0.0014
GMP635	2.4.2024. 16:32:24	107.6849	-1.2174	0.0015
21	2.4.2024. 16:32:28	108.9458	1.2609	0.0015
22	2.4.2024. 16:32:32	109.6239	0.6781	0.0015
23	2.4.2024. 16:32:36	109.6505	0.0267	0.0015
24	2.4.2024. 16:32:40	109.0767	-0.5739	0.0016
GMP634	2.4.2024. 16:32:44	108.3981	-0.6786	0.0016
25	2.4.2024. 16:32:48	109.7139	1.3158	0.0016
26	2.4.2024. 16:32:52	109.2416	-0.4722	0.0016
27	2.4.2024. 16:32:56	109.7597	0.5180	0.0017
28	2.4.2024. 16:33:00	109.2067	-0.5530	0.0017
29	2.4.2024. 16:33:04	109.1807	-0.0259	0.0017
30	2.4.2024. 16:33:08	109.2413	0.0605	0.0017
40	2.4.2024. 16:33:12	107.5606	-1.6807	0.0018
GMP632	2.4.2024. 16:33:16	108.1646	0.6040	0.0018
31	2.4.2024. 16:33:20	109.2559	1.0913	0.0018
32	2.4.2024. 16:33:24	109.2498	-0.0061	0.0018
GMP631	2.4.2024. 16:33:28	108.2525	-0.9973	0.0019
33	2.4.2024. 16:33:32	109.9960	1.7435	0.0019
34	2.4.2024. 16:33:36	107.9378	-2.0582	0.0019
35	2.4.2024. 16:33:40	107.5532	-0.3846	0.0019
GMP630	2.4.2024. 16:30:36	107.6926	0.1394	0.0019

Line Tolerances

Allowable Misclosure E = a + b √ L:	0.0084 m
a:	0.0020 m
b:	0.0050 m/√km
L (Level Line Length):	1.6540 km
Height Error / Point:	0.0005 m
Total Distance Balance:	10.0000 m

Observation Tolerances

Double Observation Check:	0.0010 m
Station Difference:	0.0003 m
Max. Sight Distance:	40.0000 m
Min. Ground Clearance:	0.5000 m

Point Height Tolerances

Height Spread:	0.0200 m
Max. Difference From Fixed Height:	0.0100 m

Booking Sheet

Point Id	Type	BS [m]	IS [m]	FS [m]	Rise [m]	Fall [m]	Hz Dist. [m]	ΔHeight [m]	ΔHeight Corr. [m]	Height [m]	Remark
GMP630		-	-	-	-	-	-	0.0000	0.0000	107.6926	
GMP630	BS1	3.0749	-	-	-	-	22.6467	-	-	-	
1	FS1	-	-	0.7473	2.3277	-	23.3554	-	-	-	
1		-	-	-	-	-	-	2.3277	-	110.0203	
1	BS1	1.4803	-	-	-	-	21.5683	-	-	-	
2	FS1	-	-	1.4642	0.0161	-	21.8185	-	-	-	
2		-	-	-	-	-	-	0.0161	-	110.0364	
2	BS1	1.4482	-	-	-	-	17.3441	-	-	-	
3	FS1	-	-	1.4794	-	0.0313	17.0704	-	-	-	
3		-	-	-	-	-	-	-0.0313	-	110.0051	
3	BS1	0.6558	-	-	-	-	13.9523	-	-	-	
GMP631	FS1	-	-	2.4071	-	1.7514	15.6590	-	-	-	
GMP631		-	-	-	-	-	-	-1.7514	-	108.2537	
GMP631	BS1	2.4650	-	-	-	-	18.0924	-	-	-	
4	FS1	-	-	0.7484	1.7166	-	18.9295	-	-	-	
4		-	-	-	-	-	-	1.7166	-	109.9704	

4	BS1	1.1457	-	-	-	-	20.6893	-	-	-	
5	FS1	-	-	1.2429	-	0.0971	21.5637	-	-	-	
5		-	-	-	-	-	-	-0.0971	-	109.8732	
5	BS1	1.1589	-	-	-	-	9.2737	-	-	-	
6	FS1	-	-	1.7807	-	0.6218	10.4464	-	-	-	
6		-	-	-	-	-	-	-0.6218	-	109.2514	
6	BS1	1.2745	-	-	-	-	13.0435	-	-	-	
GMP632	FS1	-	-	2.3599	-	1.0854	13.7661	-	-	-	
GMP632		-	-	-	-	-	-	-1.0854	-	108.1660	
GMP632	BS1	2.4759	-	-	-	-	19.9839	-	-	-	
7	FS1	-	-	0.7870	1.6889	-	20.7914	-	-	-	
7		-	-	-	-	-	-	1.6889	-	109.8549	
7	BS1	1.4793	-	-	-	-	21.4712	-	-	-	
8	FS1	-	-	1.5437	-	0.0644	20.9942	-	-	-	
8		-	-	-	-	-	-	-0.0644	-	109.7905	
8	BS1	1.5546	-	-	-	-	23.1777	-	-	-	
9	FS1	-	-	1.5466	0.0079	-	22.3976	-	-	-	
9		-	-	-	-	-	-	0.0079	-	109.7984	
9	BS1	1.5238	-	-	-	-	17.8920	-	-	-	
10	FS1	-	-	1.5700	-	0.0462	17.9908	-	-	-	
10		-	-	-	-	-	-	-0.0462	-	109.7522	
10	BS1	1.5271	-	-	-	-	10.2597	-	-	-	
GMP633N	FS1	-	-	2.0378	-	0.5107	12.4572	-	-	-	
GMP633N		-	-	-	-	-	-	-0.5107	-	109.2415	
GMP633N	BS1	1.9408	-	-	-	-	18.9065	-	-	-	
11	FS1	-	-	2.0643	-	0.1235	19.5938	-	-	-	
11		-	-	-	-	-	-	-0.1235	-	109.1180	
11	BS1	1.4718	-	-	-	-	16.0720	-	-	-	
GMP634	FS1	-	-	2.1922	-	0.7204	15.0160	-	-	-	
GMP634		-	-	-	-	-	-	-0.7204	-	108.3976	
GMP634	BS1	2.6699	-	-	-	-	19.1469	-	-	-	
12	FS1	-	-	2.0499	0.6199	-	20.1583	-	-	-	
12		-	-	-	-	-	-	0.6199	-	109.0175	
12	BS1	2.0840	-	-	-	-	21.2389	-	-	-	
13	FS1	-	-	2.0466	0.0374	-	20.1007	-	-	-	
13		-	-	-	-	-	-	0.0374	-	109.0550	
13	BS1	2.0146	-	-	-	-	14.5666	-	-	-	
14	FS1	-	-	2.1058	-	0.0912	14.0756	-	-	-	
14		-	-	-	-	-	-	-0.0912	-	108.9638	
14	BS1	1.2162	-	-	-	-	17.1434	-	-	-	
GMP635	FS1	-	-	2.4949	-	1.2787	16.8190	-	-	-	
GMP635		-	-	-	-	-	-	-1.2787	-	107.6851	
GMP635	BS1	2.4671	-	-	-	-	15.9416	-	-	-	
15	FS1	-	-	1.2380	1.2291	-	16.7203	-	-	-	
15		-	-	-	-	-	-	1.2291	-	108.9142	
15	BS1	2.2157	-	-	-	-	17.8231	-	-	-	
16	FS1	-	-	1.5624	0.6533	-	17.9311	-	-	-	
16		-	-	-	-	-	-	0.6533	-	109.5675	
16	BS1	1.3902	-	-	-	-	17.3780	-	-	-	
17	FS1	-	-	2.0664	-	0.6763	17.2528	-	-	-	
17		-	-	-	-	-	-	-0.6763	-	108.8913	
17	BS1	1.4651	-	-	-	-	14.7221	-	-	-	
GMP636	FS1	-	-	3.4320	-	1.9669	16.6498	-	-	-	
GMP636		-	-	-	-	-	-	-1.9669	-	106.9244	
GMP636	BS1	3.4320	-	-	-	-	16.6568	-	-	-	
18	FS1	-	-	1.4626	1.9693	-	16.5479	-	-	-	
18		-	-	-	-	-	-	1.9693	-	108.8937	
18	BS1	2.1107	-	-	-	-	19.2839	-	-	-	
19	FS1	-	-	2.0790	0.0317	-	18.8944	-	-	-	
19		-	-	-	-	-	-	0.0317	-	108.9255	
19	BS1	2.1402	-	-	-	-	17.6151	-	-	-	
20	FS1	-	-	2.1633	-	0.0231	16.9714	-	-	-	
20		-	-	-	-	-	-	-0.0231	-	108.9023	
20	BS1	1.2282	-	-	-	-	13.7600	-	-	-	
GMP635	FS1	-	-	2.4456	-	1.2174	15.1671	-	-	-	
GMP635		-	-	-	-	-	-	-1.2174	-	107.6849	
GMP635	BS1	2.6491	-	-	-	-	15.5678	-	-	-	
21	FS1	-	-	1.3882	1.2609	-	15.0092	-	-	-	
21		-	-	-	-	-	-	1.2609	-	108.9458	
21	BS1	2.1581	-	-	-	-	14.1345	-	-	-	
22	FS1	-	-	1.4800	0.6781	-	13.6408	-	-	-	
22		-	-	-	-	-	-	0.6781	-	109.6239	
22	BS1	1.4825	-	-	-	-	17.8069	-	-	-	
23	FS1	-	-	1.4558	0.0267	-	17.3198	-	-	-	

23		-	-	-	-	-	-	0.0267	-	109.6505	
23	BS1	0.7905	-	-	-	-	10.8067	-	-	-	
24	FS1	-	-	1.3644	-	0.5739	10.3313	-	-	-	
24		-	-	-	-	-	-	-0.5739	-	109.0767	
24	BS1	1.2652	-	-	-	-	14.6065	-	-	-	
GMP634	FS1	-	-	1.9438	-	0.6786	15.1433	-	-	-	
GMP634		-	-	-	-	-	-	-0.6786	-	108.3981	
GMP634	BS1	2.1328	-	-	-	-	15.8921	-	-	-	
25	FS1	-	-	0.8170	1.3158	-	15.6014	-	-	-	
25		-	-	-	-	-	-	1.3158	-	109.7139	
25	BS1	1.3595	-	-	-	-	18.3480	-	-	-	
26	FS1	-	-	1.8317	-	0.4722	18.7131	-	-	-	
26		-	-	-	-	-	-	-0.4722	-	109.2416	
26	BS1	1.8631	-	-	-	-	20.0890	-	-	-	
27	FS1	-	-	1.3450	0.5180	-	19.6808	-	-	-	
27		-	-	-	-	-	-	0.5180	-	109.7597	
27	BS1	1.3713	-	-	-	-	21.2261	-	-	-	
28	FS1	-	-	1.9243	-	0.5530	20.7331	-	-	-	
28		-	-	-	-	-	-	-0.5530	-	109.2067	
28	BS1	1.9451	-	-	-	-	23.4443	-	-	-	
29	FS1	-	-	1.9710	-	0.0259	23.4504	-	-	-	
29		-	-	-	-	-	-	-0.0259	-	109.1807	
29	BS1	2.0020	-	-	-	-	14.2404	-	-	-	
30	FS1	-	-	1.9415	0.0605	-	14.2310	-	-	-	
30		-	-	-	-	-	-	0.0605	-	109.2413	
30	BS1	1.0548	-	-	-	-	16.5828	-	-	-	
40	FS1	-	-	2.7354	-	1.6807	15.9509	-	-	-	
40		-	-	-	-	-	-	-1.6807	-	107.5606	
40	BS1	1.4359	-	-	-	-	13.8182	-	-	-	
GMP632	FS1	-	-	0.8318	0.6040	-	14.2195	-	-	-	
GMP632		-	-	-	-	-	-	0.6040	-	108.1646	
GMP632	BS1	2.3569	-	-	-	-	23.6664	-	-	-	
31	FS1	-	-	1.2656	1.0913	-	22.9969	-	-	-	
31		-	-	-	-	-	-	1.0913	-	109.2559	
31	BS1	1.9992	-	-	-	-	20.0575	-	-	-	
32	FS1	-	-	2.0053	-	0.0061	19.7761	-	-	-	
32		-	-	-	-	-	-	-0.0061	-	109.2498	
32	BS1	0.5690	-	-	-	-	17.2739	-	-	-	
GMP631	FS1	-	-	1.5663	-	0.9973	17.0612	-	-	-	
GMP631		-	-	-	-	-	-	-0.9973	-	108.2525	
GMP631	BS1	2.2794	-	-	-	-	15.9201	-	-	-	
33	FS1	-	-	0.5359	1.7435	-	16.2496	-	-	-	
33		-	-	-	-	-	-	1.7435	-	109.9960	
33	BS1	1.1923	-	-	-	-	20.9201	-	-	-	
34	FS1	-	-	3.2505	-	2.0582	21.6449	-	-	-	
34		-	-	-	-	-	-	-2.0582	-	107.9378	
34	BS1	1.2565	-	-	-	-	22.7713	-	-	-	
35	FS1	-	-	1.6411	-	0.3846	23.1145	-	-	-	
35		-	-	-	-	-	-	-0.3846	-	107.5532	
35	BS1	1.3266	-	-	-	-	16.3609	-	-	-	
GMP630	FS1	-	-	1.1902	0.1364	-	16.7960	-	-	-	
GMP630		-	-	-	-	-	-	0.1364	-	107.6926	

Leica Geosystems AG
Heinrich Wild Strasse
CH-9435 Heerbrugg
St. Gallen, Switzerland

Phone: + 41 71 727 3131
Fax: + 41 71 727 4674

- when it has to be right

Level Report

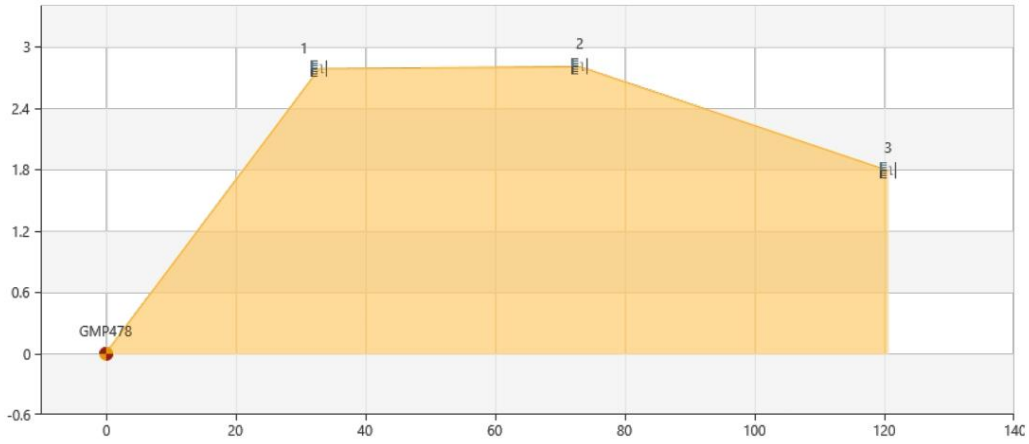
Report created: 03.04.2024 10:27:08

Project Details

General		Customer Details		Master Coordinate System	
Project Name:	3	Customer Name:	-	Coordinate System Name:	None
Owner:	-	Contact Person:	-	Transformation Type:	-
Lead Surveyor:	-	Number:	-	Residual Distribution:	-
Date Created:	03.04.2024 10:26:55	Email:	-	Ellipsoid:	-
Last Accessed:	03.04.2024 10:26:55	Skype:	-	Projection Type:	-
Application Software:	Infinity 4.0.0	Website:	-	Geoid Model:	-
				CSCS Model:	-

Path:	C:\Users\TOP-PC\Documents\Leica Geosystems\Infinity\Projects\3\3.iprj
Size:	0.1 MB
Comments:	-

Level Line Id: Line 002



General

Date/Time	2.4.2024. 16:35:10	Instrument Type:	
Staff One Id:	-	Method:	BF
Staff Two Id:	-	Stations:	3
Start Point:	GMP478	Observations:	6
End Point:	3		

Results

Height Difference:	1.7860 m	Height Error / Point:	0.0000 m
Length:	120.6228 m	Total Distance Balance:	-1.8246 m
Misclosure:	0.0000 m	Total Station Difference:	-

Processing Parameters

Adjustment Method:	No Adjustment
Staff Corrections:	Not Applied

Points

Point Id	Date/Time	Height [m]	ΔHeight [m]	SD [m]
GMP478	2.4.2024. 16:35:11	0.0000	-	-
1	2.4.2024. 16:35:18	2.7824	2.7824	0.0003
2	2.4.2024. 16:35:22	2.8022	0.0198	0.0004

3	2.4.2024. 16:35:26	1.7860	-1.0162	0.0005

Line Tolerances

Allowable Misclosure E = a + b √ L:	0.0037 m
a:	0.0020 m
b:	0.0050 m/√km
L (Level Line Length):	0.1206 km
Height Error / Point:	0.0005 m
Total Distance Balance:	10.0000 m

Observation Tolerances

Double Observation Check:	0.0010 m
Station Difference:	0.0003 m
Max. Sight Distance:	40.0000 m
Min. Ground Clearance:	0.5000 m

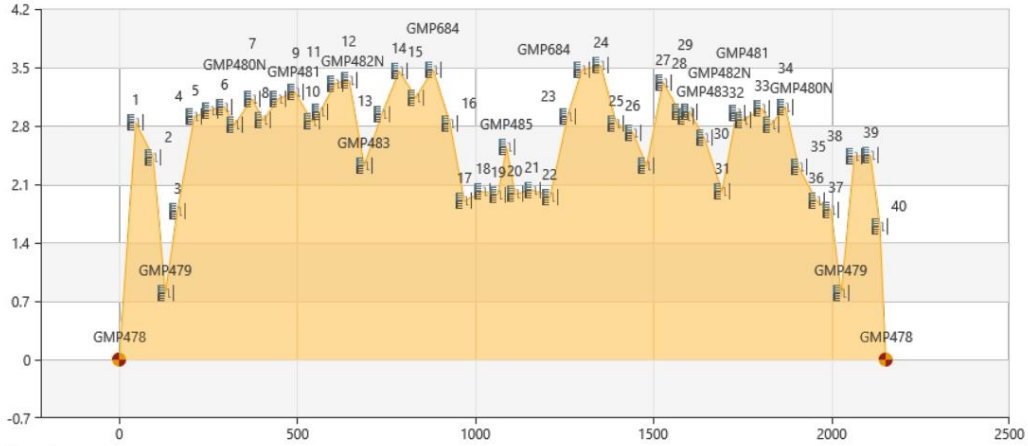
Point Height Tolerances

Height Spread:	0.0200 m
Max. Difference From Fixed Height:	0.0100 m

Booking Sheet

Point Id	Type	BS [m]	IS [m]	FS [m]	Rise [m]	Fall [m]	Hz Dist. [m]	ΔHeight [m]	ΔHeight Corr. [m]	Height [m]	Remark
GMP478		-	-	-	-	-	-	0.0000	0.0000	0.0000	
GMP478	BS1	3.8337	-	-	-	1.5399	16.5359	-	-	-	
1	FS1	-	-	1.0513	2.7824	-	16.3814	-	-	-	
1		-	-	-	-	-	-	2.7824	-	2.7824	
1	BS1	1.5476	-	-	-	-	19.2962	-	-	-	
2	FS1	-	-	1.5277	0.0198	-	20.8178	-	-	-	
2		-	-	-	-	-	-	0.0198	-	2.8022	
2	BS1	1.1445	-	-	-	-	23.5670	-	-	-	
3	FS1	-	-	2.1607	-	1.0162	24.0245	-	-	-	
3		-	-	-	-	-	-	-1.0162	-	1.7860	

Level Line Id: Line 003



General

Date/Time	2.4.2024. 16:35:28	Instrument Type:	
Staff One Id:	-	Method:	BF
Staff Two Id:	-	Stations:	54
Start Point:	GMP478	Observations:	108
End Point:	GMP478		

Results

Height Difference:	-0.0031 m	Height Error / Point:	-0.0001 m
Length:	2152.5275 m	Total Distance Balance:	-9.2468 m
Misclosure:	-0.0031 m	Total Station Difference:	-

Processing Parameters

Adjustment Method:	No Adjustment
Staff Corrections:	Not Applied

Points

Point Id	Date/Time	Height [m]	ΔHeight [m]	SD [m]
GMP478	2.4.2024. 16:35:29	0.0000	-	-
1	2.4.2024. 16:35:32	2.8361	2.8361	0.0003
2	2.4.2024. 16:35:36	2.4282	-0.4079	0.0004
GMP479	2.4.2024. 16:35:40	0.7972	-1.6310	0.0005
3	2.4.2024. 16:35:44	1.7766	0.9794	0.0006
4	2.4.2024. 16:35:48	2.9089	1.1323	0.0006
5	2.4.2024. 16:35:52	2.9852	0.0762	0.0007

6	2.4.2024. 16:35:56	3.0297	0.0435	0.0007
GMP480N	2.4.2024. 16:36:00	2.8158	-0.2129	0.0008
7	2.4.2024. 16:36:04	3.1227	0.3068	0.0008
GMP481	2.4.2024. 16:36:08	2.8663	-0.2563	0.0009
8	2.4.2024. 16:36:12	3.1237	0.2574	0.0009
9	2.4.2024. 16:36:16	3.2024	0.0786	0.0010
10	2.4.2024. 16:36:20	2.8503	-0.3521	0.0010
GMP482N	2.4.2024. 16:36:24	2.9740	0.1237	0.0011
11	2.4.2024. 16:36:28	3.3065	0.3325	0.0011
12	2.4.2024. 16:36:32	3.3426	0.0362	0.0011
GMP483	2.4.2024. 16:36:36	2.3262	-1.0165	0.0012
13	2.4.2024. 16:36:40	2.9446	0.6184	0.0012
14	2.4.2024. 16:36:44	3.4540	0.5094	0.0012
15	2.4.2024. 16:36:48	3.1386	-0.3153	0.0013
GMP684	2.4.2024. 16:36:52	3.4724	0.3337	0.0013
16	2.4.2024. 16:36:56	2.8342	-0.6381	0.0013
17	2.4.2024. 16:37:00	1.9011	-0.9332	0.0014
18	2.4.2024. 16:37:04	2.0140	0.1129	0.0014
19	2.4.2024. 16:37:08	1.9807	-0.0334	0.0014
GMP485	2.4.2024. 16:37:12	2.5425	0.5619	0.0014
20	2.4.2024. 16:37:16	1.9844	-0.5582	0.0015
21	2.4.2024. 16:37:20	2.0328	0.0485	0.0015
22	2.4.2024. 16:37:24	1.9508	-0.0820	0.0015
23	2.4.2024. 16:37:28	2.9063	0.9555	0.0015
GMP684	2.4.2024. 16:37:32	3.4724	0.5661	0.0016
24	2.4.2024. 16:37:36	3.5221	0.0497	0.0016
25	2.4.2024. 16:37:40	2.8324	-0.6897	0.0016
26	2.4.2024. 16:37:44	2.7227	-0.1097	0.0016
GMP483	2.4.2024. 16:37:48	2.3261	-0.3966	0.0017
27	2.4.2024. 16:37:52	3.3227	0.9966	0.0017
28	2.4.2024. 16:37:56	2.9634	-0.3593	0.0017
29	2.4.2024. 16:38:00	2.9124	-0.0510	0.0017
GMP482N	2.4.2024. 16:38:04	2.9737	0.0613	0.0018
30	2.4.2024. 16:38:08	2.6570	-0.3167	0.0018
31	2.4.2024. 16:38:12	2.0187	-0.6383	0.0018
32	2.4.2024. 16:38:16	2.9550	0.9364	0.0018
GMP481	2.4.2024. 16:38:20	2.8660	-0.0890	0.0019
33	2.4.2024. 16:38:24	3.0066	0.1406	0.0019
GMP480N	2.4.2024. 16:38:28	2.8152	-0.1914	0.0019
34	2.4.2024. 16:38:32	3.0248	0.2097	0.0019
35	2.4.2024. 16:38:36	2.3067	-0.7181	0.0019
36	2.4.2024. 16:38:40	1.9018	-0.4049	0.0020
37	2.4.2024. 16:38:44	1.7984	-0.1033	0.0020
GMP479	2.4.2024. 16:38:48	0.7930	-1.0054	0.0020
38	2.4.2024. 16:38:52	2.4372	1.6442	0.0020
39	2.4.2024. 16:38:56	2.4459	0.0087	0.0020
40	2.4.2024. 16:39:00	1.5971	-0.8488	0.0021
GMP478	2.4.2024. 16:35:29	0.0000	-1.5971	-

Line Tolerances

Allowable Misclosure E = a + b √ L:	0.0093 m
a:	0.0020 m
b:	0.0050 m/√km
L (Level Line Length):	2.1525 km
Height Error / Point:	0.0005 m
Total Distance Balance:	10.0000 m

Observation Tolerances

Double Observation Check:	0.0010 m
Station Difference:	0.0003 m
Max. Sight Distance:	40.0000 m
Min. Ground Clearance:	0.5000 m

Point Height Tolerances

Height Spread:	0.0200 m
Max. Difference From Fixed Height:	0.0100 m

Booking Sheet

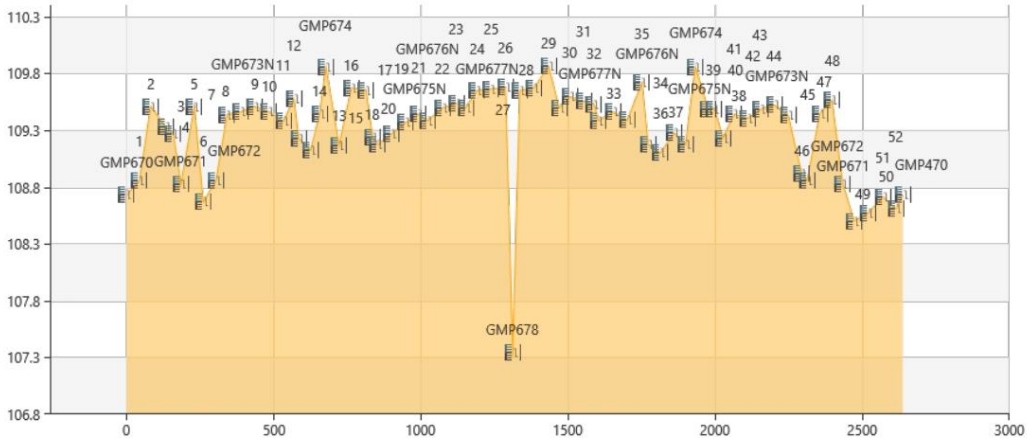
Point Id	Type	BS [m]	IS [m]	FS [m]	Rise [m]	Fall [m]	Hz Dist. [m]	ΔHeight [m]	ΔHeight Corr. [m]	Height [m]	Remark
GMP478		-	-	-	-	-	-	0.0000	0.0000	0.0000	
GMP478	BS1	3.8340	-	-	-	-	23.0119	-	-	-	
1	FS1	-	-	0.9979	2.8361	-	23.9469	-	-	-	
1		-	-	-	-	-	-	2.8361	-	2.8361	
1	BS1	1.4737	-	-	-	-	23.7657	-	-	-	
2	FS1	-	-	1.8816	-	0.4079	24.7698	-	-	-	
2		-	-	-	-	-	-	-0.4079	-	2.4282	
2	BS1	0.9190	-	-	-	-	17.0510	-	-	-	
GMP479	FS1	-	-	2.5500	-	1.6310	17.1603	-	-	-	
GMP479		-	-	-	-	-	-	-1.6310	-	0.7972	
GMP479	BS1	2.5499	-	-	-	-	17.1593	-	-	-	
3	FS1	-	-	1.5705	0.9794	-	16.8484	-	-	-	
3		-	-	-	-	-	-	0.9794	-	1.7766	
3	BS1	2.5278	-	-	-	-	23.1342	-	-	-	

4	FS1	-	-	1.3954	1.1323	-	24.2608	-	-	-	
4		-	-	-	-	-	-	1.1323	-	2.9089	
4	BS1	1.4466	-	-	-	-	21.9331	-	-	-	
5	FS1	-	-	1.3704	0.0762	-	21.2422	-	-	-	
5		-	-	-	-	-	-	0.0762	-	2.9852	
5	BS1	1.4710	-	-	-	-	19.5915	-	-	-	
6	FS1	-	-	1.4275	0.0435	-	20.8068	-	-	-	
6		-	-	-	-	-	-	0.0435	-	3.0287	
6	BS1	1.4712	-	-	-	-	14.7264	-	-	-	
GMP480N	FS1	-	-	1.6841	-	0.2129	15.2282	-	-	-	
GMP480N		-	-	-	-	-	-	-0.2129	-	2.8158	
GMP480N	BS1	1.6273	-	-	-	-	24.2487	-	-	-	
7	FS1	-	-	1.3204	0.3069	-	24.3817	-	-	-	
7		-	-	-	-	-	-	0.3069	-	3.1227	
7	BS1	0.7879	-	-	-	-	16.1881	-	-	-	
GMP481	FS1	-	-	1.0443	-	0.2564	15.4398	-	-	-	
GMP481		-	-	-	-	-	-	-0.2564	-	2.8663	
GMP481	BS1	1.6296	-	-	-	-	20.7789	-	-	-	
8	FS1	-	-	1.3721	0.2574	-	21.3654	-	-	-	
8		-	-	-	-	-	-	0.2574	-	3.1237	
8	BS1	1.3973	-	-	-	-	22.9940	-	-	-	
9	FS1	-	-	1.3187	0.0786	-	23.8301	-	-	-	
9		-	-	-	-	-	-	0.0786	-	3.2024	
9	BS1	1.3882	-	-	-	-	23.5466	-	-	-	
10	FS1	-	-	1.7403	-	0.3521	24.3536	-	-	-	
10		-	-	-	-	-	-	-0.3521	-	2.8503	
10	BS1	1.3695	-	-	-	-	11.9969	-	-	-	
GMP482N	FS1	-	-	1.2458	0.1237	-	11.6687	-	-	-	
GMP482N		-	-	-	-	-	-	0.1237	-	2.9740	
GMP482N	BS1	1.6944	-	-	-	-	20.5602	-	-	-	
11	FS1	-	-	1.3619	0.3325	-	20.5372	-	-	-	
11		-	-	-	-	-	-	0.3325	-	3.3065	
11	BS1	1.4011	-	-	-	-	19.3546	-	-	-	
12	FS1	-	-	1.3650	0.0362	-	19.6827	-	-	-	
12		-	-	-	-	-	-	0.0362	-	3.3426	
12	BS1	1.4024	-	-	-	-	20.8142	-	-	-	
GMP483	FS1	-	-	2.4189	-	1.0165	21.8433	-	-	-	
GMP483		-	-	-	-	-	-	-1.0165	-	2.3262	
GMP483	BS1	2.3071	-	-	-	-	25.3029	-	-	-	
13	FS1	-	-	1.6886	0.6184	-	24.6747	-	-	-	
13		-	-	-	-	-	-	0.6184	-	2.9446	
13	BS1	1.8812	-	-	-	-	24.0746	-	-	-	
14	FS1	-	-	1.3718	0.5094	-	24.3677	-	-	-	
14		-	-	-	-	-	-	0.5094	-	3.4540	
14	BS1	0.9849	-	-	-	-	22.8298	-	-	-	
15	FS1	-	-	1.3002	-	0.3153	23.6742	-	-	-	
15		-	-	-	-	-	-	-0.3153	-	3.1386	
15	BS1	1.5261	-	-	-	-	24.4764	-	-	-	
GMP684	FS1	-	-	1.1924	0.3337	-	23.9991	-	-	-	
GMP684		-	-	-	-	-	-	0.3337	-	3.4724	
GMP684	BS1	1.1189	-	-	-	-	23.9927	-	-	-	
16	FS1	-	-	1.7570	-	0.6381	22.9645	-	-	-	
16		-	-	-	-	-	-	-0.6381	-	2.8342	
16	BS1	0.7840	-	-	-	-	20.0234	-	-	-	
17	FS1	-	-	1.7172	-	0.9332	20.2079	-	-	-	
17		-	-	-	-	-	-	-0.9332	-	1.9011	
17	BS1	1.6308	-	-	-	-	25.7368	-	-	-	
18	FS1	-	-	1.5179	0.1129	-	25.8276	-	-	-	
18		-	-	-	-	-	-	0.1129	-	2.0140	
18	BS1	1.5447	-	-	-	-	21.7580	-	-	-	
19	FS1	-	-	1.5781	-	0.0334	21.7086	-	-	-	
19		-	-	-	-	-	-	-0.0334	-	1.9807	
19	BS1	1.5170	-	-	-	-	11.8359	-	-	-	
GMP485	FS1	-	-	0.9551	0.5619	-	12.1813	-	-	-	
GMP485		-	-	-	-	-	-	0.5619	-	2.5425	
GMP485	BS1	0.9551	-	-	-	-	12.1787	-	-	-	
20	FS1	-	-	1.5133	-	0.5582	11.9419	-	-	-	
20		-	-	-	-	-	-	-0.5582	-	1.9844	
20	BS1	1.6305	-	-	-	-	23.7827	-	-	-	
21	FS1	-	-	1.5821	0.0485	-	24.9452	-	-	-	
21		-	-	-	-	-	-	0.0485	-	2.0328	
21	BS1	1.5819	-	-	-	-	24.4663	-	-	-	
22	FS1	-	-	1.6639	-	0.0820	24.7723	-	-	-	

22		-	-	-	-	-	-	-0.0820	-	1.9508	
22	BS1	1.8703	-	-	-	-	24.4193	-	-	-	
23	FS1	-	-	0.9148	0.9555	-	24.4953	-	-	-	
23		-	-	-	-	-	-	0.9555	-	2.9063	
23	BS1	1.8002	-	-	-	-	20.2932	-	-	-	
GMP684	FS1	-	-	1.2341	0.5661	-	20.2239	-	-	-	
GMP684		-	-	-	-	-	-	0.5661	-	3.4724	
GMP684	BS1	1.2239	-	-	-	-	26.3460	-	-	-	
24	FS1	-	-	1.1742	0.0497	-	26.1207	-	-	-	
24		-	-	-	-	-	-	0.0497	-	3.5221	
24	BS1	1.3655	-	-	-	-	21.8375	-	-	-	
25	FS1	-	-	2.0552	-	0.6897	22.0611	-	-	-	
25		-	-	-	-	-	-	-0.6897	-	2.8324	
25	BS1	1.9022	-	-	-	-	23.3531	-	-	-	
26	FS1	-	-	2.0119	-	0.1097	23.3466	-	-	-	
26		-	-	-	-	-	-	-0.1097	-	2.7227	
26	BS1	0.9231	-	-	-	-	19.4310	-	-	-	
GMP483	FS1	-	-	1.3197	-	0.3966	19.3551	-	-	-	
GMP483		-	-	-	-	-	-	-0.3966	-	2.3261	
GMP483	BS1	2.2940	-	-	-	-	23.0564	-	-	-	
27	FS1	-	-	1.2974	0.9966	-	23.0225	-	-	-	
27		-	-	-	-	-	-	0.9966	-	3.3227	
27	BS1	1.4415	-	-	-	-	22.9938	-	-	-	
28	FS1	-	-	1.8008	-	0.3593	23.6231	-	-	-	
28		-	-	-	-	-	-	-0.3593	-	2.9634	
28	BS1	1.5011	-	-	-	-	7.8406	-	-	-	
29	FS1	-	-	1.5521	-	0.0510	8.0252	-	-	-	
29		-	-	-	-	-	-	-0.0510	-	2.9124	
29	BS1	1.7700	-	-	-	-	5.7312	-	-	-	
GMP482N	FS1	-	-	1.7087	0.0613	-	5.7905	-	-	-	
GMP482N		-	-	-	-	-	-	0.0613	-	2.9737	
GMP482N	BS1	1.6442	-	-	-	-	20.8959	-	-	-	
30	FS1	-	-	1.9609	-	0.3167	20.6855	-	-	-	
30		-	-	-	-	-	-	-0.3167	-	2.6570	
30	BS1	1.2480	-	-	-	-	24.3566	-	-	-	
31	FS1	-	-	1.8863	-	0.6383	25.6279	-	-	-	
31		-	-	-	-	-	-	-0.6383	-	2.0187	
31	BS1	2.2735	-	-	-	-	20.3304	-	-	-	
32	FS1	-	-	1.3371	0.9364	-	20.8012	-	-	-	
32		-	-	-	-	-	-	0.9364	-	2.9550	
32	BS1	1.2557	-	-	-	-	8.3249	-	-	-	
GMP481	FS1	-	-	1.3447	-	0.0890	8.8320	-	-	-	
GMP481		-	-	-	-	-	-	-0.0890	-	2.8660	
GMP481	BS1	1.1820	-	-	-	-	26.9164	-	-	-	
33	FS1	-	-	1.0415	0.1406	-	26.9077	-	-	-	
33		-	-	-	-	-	-	0.1406	-	3.0066	
33	BS1	1.4587	-	-	-	-	12.7480	-	-	-	
GMP480N	FS1	-	-	1.6501	-	0.1914	13.0188	-	-	-	
GMP480N		-	-	-	-	-	-	-0.1914	-	2.8152	
GMP480N	BS1	1.5852	-	-	-	-	20.0222	-	-	-	
34	FS1	-	-	1.3755	0.2097	-	19.3705	-	-	-	
34		-	-	-	-	-	-	0.2097	-	3.0248	
34	BS1	1.0043	-	-	-	-	18.4445	-	-	-	
35	FS1	-	-	1.7224	-	0.7181	19.2769	-	-	-	
35		-	-	-	-	-	-	-0.7181	-	2.3067	
35	BS1	1.1488	-	-	-	-	25.0557	-	-	-	
36	FS1	-	-	1.5537	-	0.4049	25.3772	-	-	-	
36		-	-	-	-	-	-	-0.4049	-	1.9018	
36	BS1	1.3989	-	-	-	-	20.3762	-	-	-	
37	FS1	-	-	1.5022	-	0.1033	19.4701	-	-	-	
37		-	-	-	-	-	-	-0.1033	-	1.7984	
37	BS1	1.4177	-	-	-	-	14.2134	-	-	-	
GMP479	FS1	-	-	2.4231	-	1.0054	15.0653	-	-	-	
GMP479		-	-	-	-	-	-	-1.0054	-	0.7930	
GMP479	BS1	2.4395	-	-	-	-	19.1249	-	-	-	
38	FS1	-	-	0.7953	1.6442	-	18.0338	-	-	-	
38		-	-	-	-	-	-	1.6442	-	2.4372	
38	BS1	1.7827	-	-	-	-	22.3058	-	-	-	
39	FS1	-	-	1.7740	0.0087	-	22.7428	-	-	-	
39		-	-	-	-	-	-	0.0087	-	2.4459	
39	BS1	1.4109	-	-	-	-	13.5752	-	-	-	
40	FS1	-	-	2.2597	-	0.8488	12.7773	-	-	-	
40		-	-	-	-	-	-	-0.8488	-	1.5971	

40	BS1	0.9051	-	-	-	-	8.3354	-	-	-	
GMP478	FS1	-	-	2.5053	-	1.6002	8.2053	-	-	-	
GMP478		-	-	-	-	-	-	-1.6002	-	0.0000	

Level Line Id: Line 001



General

Date/Time	2.4.2024. 16:30:35	Instrument Type:	
Staff One Id:	-	Method:	BF
Staff Two Id:	-	Stations:	68
Start Point:	GMP670	Observations:	136
End Point:	GMP470		

Results

Height Difference:	0.0003 m	Height Error / Point:	0.0000 m
Length:	2637.2044 m	Total Distance Balance:	-7.9815 m
Misclosure:	0.0000 m	Total Station Difference:	-

Processing Parameters

Adjustment Method:	No Adjustment
Staff Corrections:	Not Applied

Points

Point Id	Date/Time	Height [m]	ΔHeight [m]	SD [m]
GMP670	2.4.2024. 16:30:36	108.7310	-	-
1	2.4.2024. 16:30:40	108.8524	0.1214	0.0003
2	2.4.2024. 16:30:44	109.5102	0.6578	0.0004
3	2.4.2024. 16:30:48	109.3307	-0.1794	0.0005
4	2.4.2024. 16:30:52	109.2708	-0.0599	0.0006
GMP671	2.4.2024. 16:30:56	108.8256	-0.4453	0.0006
5	2.4.2024. 16:31:00	109.5025	0.6770	0.0007
6	2.4.2024. 16:31:04	108.6673	-0.8353	0.0007
GMP672	2.4.2024. 16:31:08	108.8562	0.1890	0.0008
7	2.4.2024. 16:31:12	109.4352	0.5790	0.0008
8	2.4.2024. 16:31:16	109.4597	0.0245	0.0009
9	2.4.2024. 16:31:20	109.5090	0.0492	0.0009
10	2.4.2024. 16:31:24	109.4623	-0.0467	0.0010
11	2.4.2024. 16:31:28	109.3773	-0.0850	0.0010
12	2.4.2024. 16:31:32	109.5760	0.1987	0.0011
GMP673N	2.4.2024. 16:31:36	109.2320	-0.3440	0.0011
13	2.4.2024. 16:31:40	109.1264	-0.1055	0.0011
14	2.4.2024. 16:31:44	109.4461	0.3196	0.0012
GMP674	2.4.2024. 16:31:48	109.8548	0.4087	0.0012
15	2.4.2024. 16:31:52	109.1690	-0.6859	0.0012
16	2.4.2024. 16:31:56	109.6719	0.5030	0.0013
17	2.4.2024. 16:32:00	109.6528	-0.0191	0.0013
18	2.4.2024. 16:32:04	109.2379	-0.4150	0.0013
GMP675N	2.4.2024. 16:32:08	109.1748	-0.0631	0.0014
19	2.4.2024. 16:32:12	109.2693	0.0945	0.0014
20	2.4.2024. 16:32:16	109.3681	0.0989	0.0014
21	2.4.2024. 16:32:20	109.4417	0.0736	0.0014

GMP676N	2.4.2024. 16:32:24	109.3856	-0.0561	0.0015
22	2.4.2024. 16:32:28	109.4936	0.1079	0.0015
23	2.4.2024. 16:32:32	109.5376	0.0440	0.0015
GMP677N	2.4.2024. 16:32:36	109.4967	-0.0409	0.0015
24	2.4.2024. 16:32:40	109.6494	0.1527	0.0016
25	2.4.2024. 16:32:44	109.6605	0.0111	0.0016
26	2.4.2024. 16:32:48	109.6753	0.0148	0.0016
GMP678	2.4.2024. 16:32:52	107.3492	-2.3261	0.0016
27	2.4.2024. 16:32:56	109.6490	2.2998	0.0017
28	2.4.2024. 16:33:00	109.6717	0.0227	0.0017
29	2.4.2024. 16:33:04	109.8639	0.1921	0.0017
GMP677N	2.4.2024. 16:33:08	109.4965	-0.3674	0.0017
30	2.4.2024. 16:33:12	109.5953	0.0988	0.0018
31	2.4.2024. 16:33:16	109.5517	-0.0437	0.0018
32	2.4.2024. 16:33:20	109.5280	-0.0236	0.0018
GMP676N	2.4.2024. 16:33:24	109.3852	-0.1428	0.0018
33	2.4.2024. 16:33:28	109.4591	0.0739	0.0019
34	2.4.2024. 16:33:32	109.3885	-0.0706	0.0019
35	2.4.2024. 16:33:36	109.7169	0.3284	0.0019
GMP675N	2.4.2024. 16:33:40	109.1744	-0.5425	0.0019
36	2.4.2024. 16:33:44	109.1005	-0.0739	0.0019
37	2.4.2024. 16:33:48	109.2764	0.1759	0.0020
38	2.4.2024. 16:33:52	109.1772	-0.0992	0.0020
GMP674	2.4.2024. 16:33:56	109.8546	0.6774	0.0020
39	2.4.2024. 16:34:00	109.4888	-0.3658	0.0020
40	2.4.2024. 16:34:04	109.4890	0.0002	0.0020
GMP673N	2.4.2024. 16:34:08	109.2320	-0.2570	0.0021
41	2.4.2024. 16:34:12	109.4396	0.2076	0.0021
42	2.4.2024. 16:34:16	109.4066	-0.0330	0.0021
43	2.4.2024. 16:34:20	109.4832	0.0766	0.0021
44	2.4.2024. 16:34:24	109.5218	0.0386	0.0021
45	2.4.2024. 16:34:28	109.4324	-0.0894	0.0022
46	2.4.2024. 16:34:32	108.9146	-0.5178	0.0022
GMP672	2.4.2024. 16:34:36	108.8555	-0.0591	0.0022
47	2.4.2024. 16:34:40	109.4459	0.5903	0.0022
48	2.4.2024. 16:34:44	109.5637	0.1178	0.0022
GMP671	2.4.2024. 16:34:48	108.8256	-0.7381	0.0022
49	2.4.2024. 16:34:52	108.5023	-0.3233	0.0023
50	2.4.2024. 16:34:56	108.5683	0.0660	0.0023
51	2.4.2024. 16:35:00	108.7149	0.1466	0.0023
52	2.4.2024. 16:35:04	108.6095	-0.1054	0.0023
GMP470	2.4.2024. 16:35:08	108.7313	0.1218	0.0023

Line Tolerances

Allowable Misclosure E = a + b √ L:	0.0101 m
a:	0.0020 m
b:	0.0050 m/√km
L (Level Line Length):	2.6372 km
Height Error / Point:	0.0005 m
Total Distance Balance:	10.0000 m

Observation Tolerances

Double Observation Check:	0.0010 m
Station Difference:	0.0003 m
Max. Sight Distance:	40.0000 m
Min. Ground Clearance:	0.5000 m

Point Height Tolerances

Height Spread:	0.0200 m
Max. Difference From Fixed Height:	0.0100 m

Booking Sheet

Point Id	Type	BS [m]	IS [m]	FS [m]	Rise [m]	Fall [m]	Hz Dist. [m]	ΔHeight [m]	ΔHeight Corr. [m]	Height [m]	Remark
GMP670		-	-	-	-	-	-	0.0000	0.0000	108.7310	
GMP670	BS1	1.1025	-	-	-	-	22.0533	-	-	-	
1	FS1	-	-	0.9811	0.1214	-	21.0464	-	-	-	
1		-	-	-	-	-	-	0.1214	-	108.8524	
1	BS1	2.1450	-	-	-	-	19.2409	-	-	-	
2	FS1	-	-	1.4872	0.6578	-	19.6238	-	-	-	
2		-	-	-	-	-	-	0.6578	-	109.5102	
2	BS1	1.2765	-	-	-	-	25.3287	-	-	-	
3	FS1	-	-	1.4559	-	0.1794	24.6967	-	-	-	
3		-	-	-	-	-	-	-0.1794	-	109.3307	
3	BS1	1.3985	-	-	-	-	12.8440	-	-	-	
4	FS1	-	-	1.4585	-	0.0599	13.9930	-	-	-	
4		-	-	-	-	-	-	-0.0599	-	109.2708	
4	BS1	1.4589	-	-	-	-	12.8102	-	-	-	
GMP671	FS1	-	-	1.9041	-	0.4453	12.7682	-	-	-	
GMP671		-	-	-	-	-	-	-0.4453	-	108.8256	
GMP671	BS1	2.1879	-	-	-	-	23.3130	-	-	-	
5	FS1	-	-	1.5110	0.6770	-	22.2255	-	-	-	
5		-	-	-	-	-	-	0.6770	-	109.5025	

5	BS1	0.7914	-	-	-	-	15.0108	-	-	-	
6	FS1	-	-	1.6267	-	0.8353	15.6067	-	-	-	
6		-	-	-	-	-	-	-0.8353	-	108.6673	
6	BS1	1.4959	-	-	-	-	21.4885	-	-	-	
GMP672	FS1	-	-	1.3069	0.1890	-	21.5816	-	-	-	
GMP672		-	-	-	-	-	-	0.1890	-	108.8562	
GMP672	BS1	1.4694	-	-	-	-	18.7171	-	-	-	
7	FS1	-	-	0.8904	0.5790	-	18.8121	-	-	-	
7		-	-	-	-	-	-	0.5790	-	109.4352	
7	BS1	1.5611	-	-	-	-	21.6325	-	-	-	
8	FS1	-	-	1.5366	0.0245	-	22.9208	-	-	-	
8		-	-	-	-	-	-	0.0245	-	109.4597	
8	BS1	1.5382	-	-	-	-	24.2302	-	-	-	
9	FS1	-	-	1.4889	0.0492	-	24.7573	-	-	-	
9		-	-	-	-	-	-	0.0492	-	109.5090	
9	BS1	1.4770	-	-	-	-	23.9382	-	-	-	
10	FS1	-	-	1.5237	-	0.0467	24.6190	-	-	-	
10		-	-	-	-	-	-	-0.0467	-	109.4623	
10	BS1	1.5249	-	-	-	-	24.8519	-	-	-	
11	FS1	-	-	1.6099	-	0.0850	24.8628	-	-	-	
11		-	-	-	-	-	-	-0.0850	-	109.3773	
11	BS1	1.6364	-	-	-	-	17.9707	-	-	-	
12	FS1	-	-	1.4377	0.1987	-	17.4083	-	-	-	
12		-	-	-	-	-	-	0.1987	-	109.5760	
12	BS1	1.3853	-	-	-	-	7.3676	-	-	-	
GMP673N	FS1	-	-	1.7293	-	0.3440	8.5500	-	-	-	
GMP673N		-	-	-	-	-	-	-0.3440	-	109.2320	
GMP673N	BS1	1.7427	-	-	-	-	20.1206	-	-	-	
13	FS1	-	-	1.8482	-	0.1055	21.1240	-	-	-	
13		-	-	-	-	-	-	-0.1055	-	109.1264	
13	BS1	1.8223	-	-	-	-	15.6144	-	-	-	
14	FS1	-	-	1.5026	0.3196	-	15.2498	-	-	-	
14		-	-	-	-	-	-	0.3196	-	109.4461	
14	BS1	1.3924	-	-	-	-	10.1115	-	-	-	
GMP674	FS1	-	-	0.9837	0.4088	-	10.4672	-	-	-	
GMP674		-	-	-	-	-	-	0.4088	-	109.8548	
GMP674	BS1	0.7165	-	-	-	-	21.9468	-	-	-	
15	FS1	-	-	1.4024	-	0.6859	22.9848	-	-	-	
15		-	-	-	-	-	-	-0.6859	-	109.1690	
15	BS1	1.8734	-	-	-	-	21.5826	-	-	-	
16	FS1	-	-	1.3704	0.5030	-	20.6110	-	-	-	
16		-	-	-	-	-	-	0.5030	-	109.6719	
16	BS1	1.4345	-	-	-	-	24.0350	-	-	-	
17	FS1	-	-	1.4536	-	0.0191	25.0013	-	-	-	
17		-	-	-	-	-	-	-0.0191	-	109.6528	
17	BS1	0.9900	-	-	-	-	10.9998	-	-	-	
18	FS1	-	-	1.4050	-	0.4150	11.7445	-	-	-	
18		-	-	-	-	-	-	-0.4150	-	109.2379	
18	BS1	1.2717	-	-	-	-	7.7755	-	-	-	
GMP675N	FS1	-	-	1.3348	-	0.0631	8.8403	-	-	-	
GMP675N		-	-	-	-	-	-	-0.0631	-	109.1748	
GMP675N	BS1	1.4935	-	-	-	-	23.3720	-	-	-	
19	FS1	-	-	1.3990	0.0945	-	24.2836	-	-	-	
19		-	-	-	-	-	-	0.0945	-	109.2693	
19	BS1	1.5984	-	-	-	-	24.2233	-	-	-	
20	FS1	-	-	1.4995	0.0989	-	24.3976	-	-	-	
20		-	-	-	-	-	-	0.0989	-	109.3681	
20	BS1	1.5612	-	-	-	-	21.6600	-	-	-	
21	FS1	-	-	1.4876	0.0736	-	22.0898	-	-	-	
21		-	-	-	-	-	-	0.0736	-	109.4417	
21	BS1	1.5142	-	-	-	-	15.1956	-	-	-	
GMP676N	FS1	-	-	1.5702	-	0.0561	15.0869	-	-	-	
GMP676N		-	-	-	-	-	-	-0.0561	-	109.3856	
GMP676N	BS1	1.6361	-	-	-	-	24.8943	-	-	-	
22	FS1	-	-	1.5282	0.1079	-	24.9320	-	-	-	
22		-	-	-	-	-	-	0.1079	-	109.4936	
22	BS1	1.6523	-	-	-	-	23.8296	-	-	-	
23	FS1	-	-	1.6083	0.0440	-	24.5168	-	-	-	
23		-	-	-	-	-	-	0.0440	-	109.5376	
23	BS1	1.5345	-	-	-	-	15.8627	-	-	-	
GMP677N	FS1	-	-	1.5754	-	0.0409	14.9318	-	-	-	
GMP677N		-	-	-	-	-	-	-0.0409	-	109.4967	
GMP677N	BS1	1.5202	-	-	-	-	19.2013	-	-	-	

24	FS1	-	-	1.3675	0.1527	-	19.9272	-	-	-	
24		-	-	-	-	-	-	0.1527	-	109.6494	
24	BS1	1.5088	-	-	-	-	24.0834	-	-	-	
25	FS1	-	-	1.4977	0.0111	-	23.7524	-	-	-	
25		-	-	-	-	-	-	0.0111	-	109.6605	
25	BS1	1.6096	-	-	-	-	24.5327	-	-	-	
26	FS1	-	-	1.5947	0.0148	-	24.5089	-	-	-	
26		-	-	-	-	-	-	0.0148	-	109.6753	
26	BS1	1.3290	-	-	-	-	12.4637	-	-	-	
GMP678	FS1	-	-	3.6551	-	2.3261	11.6658	-	-	-	
GMP678		-	-	-	-	-	-	-2.3261	-	107.3492	
GMP678	BS1	3.6551	-	-	-	-	11.6653	-	-	-	
27	FS1	-	-	1.3553	2.2998	-	12.4578	-	-	-	
27		-	-	-	-	-	-	2.2998	-	109.6490	
27	BS1	1.5201	-	-	-	-	24.1363	-	-	-	
28	FS1	-	-	1.4973	0.0227	-	24.6927	-	-	-	
28		-	-	-	-	-	-	0.0227	-	109.6717	
28	BS1	1.3869	-	-	-	-	23.9870	-	-	-	
29	FS1	-	-	1.1948	0.1921	-	24.7851	-	-	-	
29		-	-	-	-	-	-	0.1921	-	109.8639	
29	BS1	1.4630	-	-	-	-	18.1046	-	-	-	
GMP677N	FS1	-	-	1.8304	-	0.3674	17.9775	-	-	-	
GMP677N		-	-	-	-	-	-	-0.3674	-	109.4965	
GMP677N	BS1	1.5515	-	-	-	-	18.7197	-	-	-	
30	FS1	-	-	1.4526	0.0989	-	17.6196	-	-	-	
30		-	-	-	-	-	-	0.0989	-	109.5953	
30	BS1	1.4991	-	-	-	-	24.0851	-	-	-	
31	FS1	-	-	1.5428	-	0.0437	24.3307	-	-	-	
31		-	-	-	-	-	-	-0.0437	-	109.5517	
31	BS1	1.4481	-	-	-	-	16.5000	-	-	-	
32	FS1	-	-	1.4717	-	0.0236	17.2291	-	-	-	
32		-	-	-	-	-	-	-0.0236	-	109.5280	
32	BS1	1.2852	-	-	-	-	7.7963	-	-	-	
GMP676N	FS1	-	-	1.4280	-	0.1428	7.1996	-	-	-	
GMP676N		-	-	-	-	-	-	-0.1428	-	109.3852	
GMP676N	BS1	1.4962	-	-	-	-	25.3988	-	-	-	
33	FS1	-	-	1.4223	0.0739	-	25.4115	-	-	-	
33		-	-	-	-	-	-	0.0739	-	109.4591	
33	BS1	1.3824	-	-	-	-	23.6865	-	-	-	
34	FS1	-	-	1.4530	-	0.0706	24.0651	-	-	-	
34		-	-	-	-	-	-	-0.0706	-	109.3885	
34	BS1	1.3396	-	-	-	-	24.7809	-	-	-	
35	FS1	-	-	1.0111	0.3284	-	24.3651	-	-	-	
35		-	-	-	-	-	-	0.3284	-	109.7169	
35	BS1	1.4572	-	-	-	-	10.6722	-	-	-	
GMP675N	FS1	-	-	1.9997	-	0.5425	11.1039	-	-	-	
GMP675N		-	-	-	-	-	-	-0.5425	-	109.1744	
GMP675N	BS1	1.5827	-	-	-	-	19.9775	-	-	-	
36	FS1	-	-	1.6566	-	0.0739	21.2440	-	-	-	
36		-	-	-	-	-	-	-0.0739	-	109.1005	
36	BS1	1.4913	-	-	-	-	23.4977	-	-	-	
37	FS1	-	-	1.3154	0.1759	-	22.8760	-	-	-	
37		-	-	-	-	-	-	0.1759	-	109.2764	
37	BS1	1.2358	-	-	-	-	19.8834	-	-	-	
38	FS1	-	-	1.3350	-	0.0992	19.1662	-	-	-	
38		-	-	-	-	-	-	-0.0992	-	109.1772	
38	BS1	1.3331	-	-	-	-	16.6336	-	-	-	
GMP674	FS1	-	-	0.6558	0.6774	-	16.6873	-	-	-	
GMP674		-	-	-	-	-	-	0.6774	-	109.8546	
GMP674	BS1	1.0342	-	-	-	-	21.3316	-	-	-	
39	FS1	-	-	1.3999	-	0.3658	22.2408	-	-	-	
39		-	-	-	-	-	-	-0.3658	-	109.4888	
39	BS1	1.4340	-	-	-	-	10.0979	-	-	-	
40	FS1	-	-	1.4338	0.0002	-	10.7877	-	-	-	
40		-	-	-	-	-	-	0.0002	-	109.4890	
40	BS1	1.4216	-	-	-	-	15.1282	-	-	-	
GMP673N	FS1	-	-	1.6786	-	0.2570	14.2933	-	-	-	
GMP673N		-	-	-	-	-	-	-0.2570	-	109.2320	
GMP673N	BS1	1.7131	-	-	-	-	19.4365	-	-	-	
41	FS1	-	-	1.5056	0.2076	-	18.5995	-	-	-	
41		-	-	-	-	-	-	0.2076	-	109.4396	
41	BS1	1.3433	-	-	-	-	23.4297	-	-	-	
42	FS1	-	-	1.3763	-	0.0330	23.4236	-	-	-	

42		-	-	-	-	-	-	-0.0330	-	109.4066	
42	BS1	1.5166	-	-	-	-	21.6734	-	-	-	
43	FS1	-	-	1.4400	0.0766	-	20.9995	-	-	-	
43		-	-	-	-	-	-	0.0766	-	109.4832	
43	BS1	1.4270	-	-	-	-	23.4933	-	-	-	
44	FS1	-	-	1.3884	0.0386	-	23.6034	-	-	-	
44		-	-	-	-	-	-	0.0386	-	109.5218	
44	BS1	1.3992	-	-	-	-	22.7556	-	-	-	
45	FS1	-	-	1.4886	-	0.0894	23.8356	-	-	-	
45		-	-	-	-	-	-	-0.0894	-	109.4324	
45	BS1	1.4388	-	-	-	-	23.1679	-	-	-	
46	FS1	-	-	1.9566	-	0.5178	23.2134	-	-	-	
46		-	-	-	-	-	-	-0.5178	-	108.9146	
46	BS1	0.6183	-	-	-	-	9.1768	-	-	-	
GMP672	FS1	-	-	0.6774	-	0.0591	9.1795	-	-	-	
GMP672		-	-	-	-	-	-	-0.0591	-	108.8555	
GMP672	BS1	1.4613	-	-	-	-	21.5252	-	-	-	
47	FS1	-	-	0.8709	0.5903	-	21.5565	-	-	-	
47		-	-	-	-	-	-	0.5903	-	109.4459	
47	BS1	1.6238	-	-	-	-	20.3450	-	-	-	
48	FS1	-	-	1.5059	0.1178	-	20.5610	-	-	-	
48		-	-	-	-	-	-	0.1178	-	109.5637	
48	BS1	0.6081	-	-	-	-	18.7441	-	-	-	
GMP671	FS1	-	-	1.3462	-	0.7381	18.5342	-	-	-	
GMP671		-	-	-	-	-	-	-0.7381	-	108.8256	
GMP671	BS1	2.1209	-	-	-	-	19.1860	-	-	-	
49	FS1	-	-	2.4442	-	0.3233	18.8055	-	-	-	
49		-	-	-	-	-	-	-0.3233	-	108.5023	
49	BS1	1.5019	-	-	-	-	23.2729	-	-	-	
50	FS1	-	-	1.4359	0.0660	-	23.6347	-	-	-	
50		-	-	-	-	-	-	0.0660	-	108.5683	
50	BS1	1.6353	-	-	-	-	26.0270	-	-	-	
51	FS1	-	-	1.4886	0.1466	-	25.0889	-	-	-	
51		-	-	-	-	-	-	0.1466	-	108.7149	
51	BS1	1.4453	-	-	-	-	22.0063	-	-	-	
52	FS1	-	-	1.5507	-	0.1054	22.6935	-	-	-	
52		-	-	-	-	-	-	-0.1054	-	108.6095	
52	BS1	1.3768	-	-	-	-	11.9873	-	-	-	
GMP470	FS1	-	-	1.2550	0.1218	-	10.7437	-	-	-	
GMP470		-	-	-	-	-	-	0.1218	-	108.7313	

Leica Geosystems AG
Heinrich Wild Strasse
CH-9435 Heerbrugg
St. Gallen, Switzerland

Phone: + 41 71 727 3131
Fax: + 41 71 727 4674

- when it has to be right

Level Report

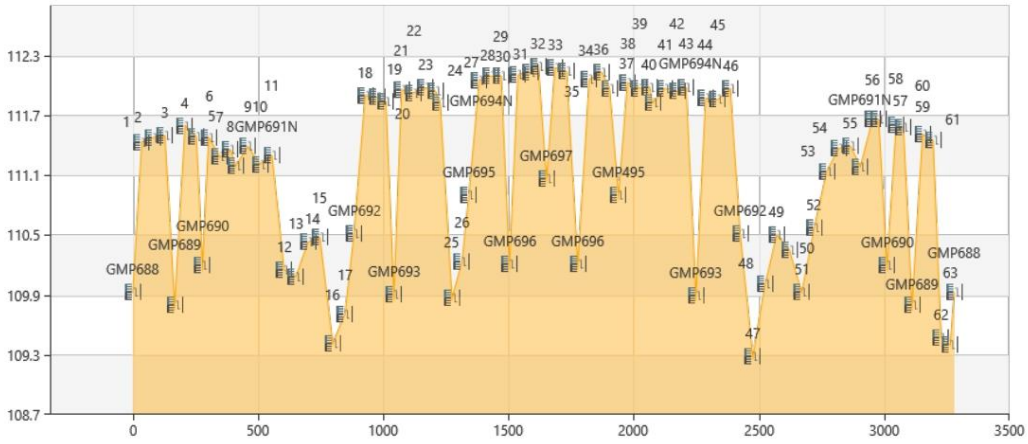
Report created: 03.04.2024 10:27:46

Project Details

General		Customer Details		Master Coordinate System	
Project Name:	4	Customer Name:	-	Coordinate System Name:	None
Owner:	-	Contact Person:	-	Transformation Type:	-
Lead Surveyor:	-	Number:	-	Residual Distribution:	-
Date Created:	03.04.2024 10:27:29	Email:	-	Ellipsoid:	-
Last Accessed:	03.04.2024 10:27:30	Skype:	-	Projection Type:	-
Application Software:	Infinity 4.0.0	Website:	-	Geoid Model:	-
				CSCS Model:	-

Path:	C:\Users\TOP-PC\Documents\Leica Geosystems\Infinity\Projects\4\4.iprj
Size:	0.1 MB
Comments:	-

Level Line Id: Line 001



General

Date/Time	2.4.2024. 16:30:39	Instrument Type:	
Staff One Id:	-	Method:	BF
Staff Two Id:	-	Stations:	81
Start Point:	GMP688	Observations:	162
End Point:	GMP688		

Results

Height Difference:	-0.0032 m	Height Error / Point:	0.0000 m
Length:	3280.0236 m	Total Distance Balance:	-9.2397 m
Misclosure:	-0.0032 m	Total Station Difference:	-

Processing Parameters

Adjustment Method:	No Adjustment
Staff Corrections:	Not Applied

Points

Point Id	Date/Time	Height [m]	ΔHeight [m]	SD [m]
GMP688	2.4.2024. 16:30:40	109.9259	-	0.0025
1	2.4.2024. 16:30:44	111.4334	1.5075	0.0003
2	2.4.2024. 16:30:48	111.4764	0.0430	0.0004

3	2.4.2024. 16:30:52	111.4954	0.0190	0.0005
GMP689	2.4.2024. 16:30:56	109.7994	-1.6960	0.0006
4	2.4.2024. 16:31:00	111.5964	1.7971	0.0006
5	2.4.2024. 16:31:04	111.4880	-0.1084	0.0007
GMP690	2.4.2024. 16:31:08	110.1981	-1.2899	0.0007
6	2.4.2024. 16:31:12	111.4794	1.2813	0.0008
7	2.4.2024. 16:31:16	111.2830	-0.1963	0.0008
8	2.4.2024. 16:31:20	111.3547	0.0716	0.0009
GMP691N	2.4.2024. 16:31:24	111.1918	-0.1629	0.0009
9	2.4.2024. 16:31:28	111.3889	0.1971	0.0010
10	2.4.2024. 16:31:32	111.2109	-0.1781	0.0010
11	2.4.2024. 16:31:36	111.2957	0.0848	0.0011
12	2.4.2024. 16:31:40	110.1542	-1.1415	0.0011
13	2.4.2024. 16:31:44	110.0845	-0.0697	0.0011
14	2.4.2024. 16:31:48	110.4302	0.3457	0.0012
15	2.4.2024. 16:31:52	110.4748	0.0446	0.0012
16	2.4.2024. 16:31:56	109.4129	-1.0619	0.0012
17	2.4.2024. 16:32:00	109.7108	0.2979	0.0013
GMP692	2.4.2024. 16:32:04	110.5193	0.8085	0.0013
18	2.4.2024. 16:32:08	111.8984	1.3791	0.0013
19	2.4.2024. 16:32:12	111.8823	-0.0161	0.0014
20	2.4.2024. 16:32:16	111.8364	-0.0459	0.0014
GMP693	2.4.2024. 16:32:20	109.9009	-1.9355	0.0014
21	2.4.2024. 16:32:24	111.9581	2.0572	0.0014
22	2.4.2024. 16:32:28	111.9250	-0.0331	0.0015
23	2.4.2024. 16:32:32	111.9756	0.0506	0.0015
24	2.4.2024. 16:32:36	111.9431	-0.0325	0.0015
GMP694N	2.4.2024. 16:32:40	111.8252	-0.1179	0.0015
25	2.4.2024. 16:32:44	109.8679	-1.9574	0.0016
26	2.4.2024. 16:32:48	110.2311	0.3632	0.0016
GMP695	2.4.2024. 16:32:52	110.9031	0.6720	0.0016
27	2.4.2024. 16:32:56	112.0511	1.1480	0.0016
28	2.4.2024. 16:33:00	112.0928	0.0417	0.0017
29	2.4.2024. 16:33:04	112.0946	0.0019	0.0017
GMP696	2.4.2024. 16:33:08	110.2075	-1.8871	0.0017
30	2.4.2024. 16:33:12	112.1069	1.8994	0.0017
31	2.4.2024. 16:33:16	112.1286	0.0217	0.0018
32	2.4.2024. 16:33:20	112.1944	0.0659	0.0018
GMP697	2.4.2024. 16:33:24	111.0629	-1.1316	0.0018
33	2.4.2024. 16:33:28	112.1794	1.1166	0.0018
34	2.4.2024. 16:33:32	112.1400	-0.0394	0.0019
GMP696	2.4.2024. 16:33:36	110.2072	-1.9328	0.0019
35	2.4.2024. 16:33:40	112.0598	1.8526	0.0019
36	2.4.2024. 16:33:44	112.1342	0.0744	0.0019
37	2.4.2024. 16:33:48	111.9710	-0.1632	0.0019
GMP495	2.4.2024. 16:33:52	110.9029	-1.0681	0.0020
38	2.4.2024. 16:33:56	112.0278	1.1249	0.0020
39	2.4.2024. 16:34:00	111.9740	-0.0538	0.0020
40	2.4.2024. 16:34:04	111.9847	0.0107	0.0020
GMP694N	2.4.2024. 16:34:08	111.8248	-0.1599	0.0020
41	2.4.2024. 16:34:12	111.9697	0.1449	0.0021
42	2.4.2024. 16:34:16	111.9394	-0.0304	0.0021
43	2.4.2024. 16:34:20	111.9763	0.0370	0.0021
GMP693	2.4.2024. 16:34:24	109.9001	-2.0762	0.0021
44	2.4.2024. 16:34:28	111.8720	1.9719	0.0021
45	2.4.2024. 16:34:32	111.8570	-0.0150	0.0022
46	2.4.2024. 16:34:36	111.9655	0.1085	0.0022
GMP692	2.4.2024. 16:34:40	110.5174	-1.4481	0.0022
47	2.4.2024. 16:34:44	109.2803	-1.2371	0.0022
48	2.4.2024. 16:34:48	110.0093	0.7291	0.0022
49	2.4.2024. 16:34:52	110.5052	0.4958	0.0022
50	2.4.2024. 16:34:56	110.3530	-0.1522	0.0023
51	2.4.2024. 16:35:00	109.9292	-0.4238	0.0023
52	2.4.2024. 16:35:04	110.5686	0.6394	0.0023
53	2.4.2024. 16:35:08	111.1326	0.5640	0.0023
54	2.4.2024. 16:35:12	111.3681	0.2355	0.0023
55	2.4.2024. 16:35:16	111.3944	0.0262	0.0023
GMP691N	2.4.2024. 16:35:20	111.1885	-0.2059	0.0024
56	2.4.2024. 16:35:24	111.6652	0.4767	0.0024
57	2.4.2024. 16:35:28	111.6587	-0.0065	0.0024
GMP690	2.4.2024. 16:35:32	110.1949	-1.4637	0.0024
58	2.4.2024. 16:35:36	111.6003	1.4054	0.0024
59	2.4.2024. 16:35:40	111.5814	-0.0189	0.0024

GMP689	2.4.2024. 16:35:44	109.7964	-1.7850	0.0025
60	2.4.2024. 16:35:48	111.5101	1.7137	0.0025
61	2.4.2024. 16:35:52	111.4494	-0.0606	0.0025
62	2.4.2024. 16:35:56	109.4730	-1.9764	0.0025
63	2.4.2024. 16:36:00	109.3996	-0.0734	0.0025
GMP688	2.4.2024. 16:30:40	109.9259	0.5263	0.0025

Line Tolerances

Allowable Misclosure E = a + b √ L: 0.0111 m

a: 0.0020 m

b: 0.0050 m/√km

L (Level Line Length): 3.2800 km

Height Error / Point: 0.0005 m

Total Distance Balance: 10.0000 m

Observation Tolerances

Double Observation Check: 0.0010 m

Station Difference: 0.0003 m

Max. Sight Distance: 40.0000 m

Min. Ground Clearance: 0.5000 m

Point Height Tolerances

Height Spread: 0.0200 m

Max. Difference From Fixed Height: 0.0100 m

Booking Sheet

Point Id	Type	BS [m]	IS [m]	FS [m]	Rise [m]	Fall [m]	Hz Dist. [m]	ΔHeight [m]	ΔHeight Corr. [m]	Height [m]	Remark
GMP688		-	-	-	-	-	-	0.0000	0.0000	109.9259	
GMP688	BS1	2.4890	-	-	-	-	18.2520	-	-	-	
1	FS1	-	-	0.9816	1.5075	-	17.5719	-	-	-	
1		-	-	-	-	-	-	1.5075	-	111.4334	
1	BS1	1.4404	-	-	-	-	21.9290	-	-	-	
2	FS1	-	-	1.3974	0.0431	-	21.8026	-	-	-	
2		-	-	-	-	-	-	0.0431	-	111.4764	
2	BS1	1.3427	-	-	-	-	24.1340	-	-	-	
3	FS1	-	-	1.3237	0.0190	-	24.6658	-	-	-	
3		-	-	-	-	-	-	0.0190	-	111.4954	
3	BS1	1.3568	-	-	-	-	19.4138	-	-	-	
GMP689	FS1	-	-	3.0528	-	1.6960	19.3840	-	-	-	
GMP689		-	-	-	-	-	-	-1.6960	-	109.7994	
GMP689	BS1	3.2139	-	-	-	-	20.6281	-	-	-	
4	FS1	-	-	1.4168	1.7971	-	20.8729	-	-	-	
4		-	-	-	-	-	-	1.7971	-	111.5964	
4	BS1	1.4254	-	-	-	-	21.9328	-	-	-	
5	FS1	-	-	1.5338	-	0.1084	23.3139	-	-	-	
5		-	-	-	-	-	-	-0.1084	-	111.4880	
5	BS1	1.5110	-	-	-	-	12.0119	-	-	-	
GMP690	FS1	-	-	2.8009	-	1.2899	12.6699	-	-	-	
GMP690		-	-	-	-	-	-	-1.2899	-	110.1981	
GMP690	BS1	2.8009	-	-	-	-	12.6678	-	-	-	
6	FS1	-	-	1.5196	1.2813	-	11.8434	-	-	-	
6		-	-	-	-	-	-	1.2813	-	111.4794	
6	BS1	1.1530	-	-	-	-	21.7518	-	-	-	
7	FS1	-	-	1.3493	-	0.1963	22.6654	-	-	-	
7		-	-	-	-	-	-	-0.1963	-	111.2830	
7	BS1	1.4951	-	-	-	-	21.6714	-	-	-	
8	FS1	-	-	1.4235	0.0716	-	21.0283	-	-	-	
8		-	-	-	-	-	-	0.0716	-	111.3547	
8	BS1	1.3692	-	-	-	-	9.9016	-	-	-	
GMP691N	FS1	-	-	1.5321	-	0.1629	10.3643	-	-	-	
GMP691N		-	-	-	-	-	-	-0.1629	-	111.1918	
GMP691N	BS1	1.7221	-	-	-	-	23.9124	-	-	-	
9	FS1	-	-	1.5249	0.1971	-	24.7982	-	-	-	
9		-	-	-	-	-	-	0.1971	-	111.3889	
9	BS1	1.4717	-	-	-	-	24.2348	-	-	-	
10	FS1	-	-	1.6498	-	0.1781	24.4213	-	-	-	
10		-	-	-	-	-	-	-0.1781	-	111.2109	
10	BS1	1.4482	-	-	-	-	24.0632	-	-	-	
11	FS1	-	-	1.3633	0.0848	-	24.0039	-	-	-	
11		-	-	-	-	-	-	0.0848	-	111.2957	
11	BS1	1.2940	-	-	-	-	24.0268	-	-	-	
12	FS1	-	-	2.4356	-	1.1415	24.1076	-	-	-	
12		-	-	-	-	-	-	-1.1415	-	110.1542	
12	BS1	1.3228	-	-	-	-	23.6069	-	-	-	
13	FS1	-	-	1.3925	-	0.0697	23.5537	-	-	-	
13		-	-	-	-	-	-	-0.0697	-	110.0845	
13	BS1	1.7171	-	-	-	-	23.9918	-	-	-	
14	FS1	-	-	1.3714	0.3457	-	24.5003	-	-	-	
14		-	-	-	-	-	-	0.3457	-	110.4302	
14	BS1	1.5307	-	-	-	-	24.0945	-	-	-	
15	FS1	-	-	1.4861	0.0446	-	23.3288	-	-	-	
15		-	-	-	-	-	-	0.0446	-	110.4748	
15	BS1	1.3781	-	-	-	-	25.8005	-	-	-	

16	FS1	-	-	2.4400	-	1.0619	25.5486	-	-	-	
16		-	-	-	-	-	-	-1.0619	-	109.4129	
16	BS1	1.2684	-	-	-	-	24.6760	-	-	-	
17	FS1	-	-	0.9705	0.2979	-	23.8623	-	-	-	
17		-	-	-	-	-	-	0.2979	-	109.7108	
17	BS1	1.6149	-	-	-	-	18.1249	-	-	-	
GMP692	FS1	-	-	0.8064	0.8085	-	18.2508	-	-	-	
GMP692		-	-	-	-	-	-	0.8085	-	110.5193	
GMP692	BS1	2.3816	-	-	-	-	22.6085	-	-	-	
18	FS1	-	-	1.0026	1.3791	-	21.5559	-	-	-	
18		-	-	-	-	-	-	1.3791	-	111.8984	
18	BS1	1.3329	-	-	-	-	24.0968	-	-	-	
19	FS1	-	-	1.3490	-	0.0161	23.7836	-	-	-	
19		-	-	-	-	-	-	-0.0161	-	111.8823	
19	BS1	1.3267	-	-	-	-	17.3002	-	-	-	
20	FS1	-	-	1.3726	-	0.0459	17.8021	-	-	-	
20		-	-	-	-	-	-	-0.0459	-	111.8364	
20	BS1	1.1890	-	-	-	-	16.3215	-	-	-	
GMP693	FS1	-	-	3.1244	-	1.9355	15.5731	-	-	-	
GMP693		-	-	-	-	-	-	-1.9355	-	109.9009	
GMP693	BS1	3.1245	-	-	-	-	15.5756	-	-	-	
21	FS1	-	-	1.0673	2.0572	-	15.2961	-	-	-	
21		-	-	-	-	-	-	2.0572	-	111.9581	
21	BS1	1.4201	-	-	-	-	24.0596	-	-	-	
22	FS1	-	-	1.4532	-	0.0331	24.2420	-	-	-	
22		-	-	-	-	-	-	-0.0331	-	111.9250	
22	BS1	1.4210	-	-	-	-	23.8626	-	-	-	
23	FS1	-	-	1.3704	0.0506	-	24.1985	-	-	-	
23		-	-	-	-	-	-	0.0506	-	111.9756	
23	BS1	1.4349	-	-	-	-	18.4235	-	-	-	
24	FS1	-	-	1.4674	-	0.0325	19.4623	-	-	-	
24		-	-	-	-	-	-	-0.0325	-	111.9431	
24	BS1	1.4235	-	-	-	-	9.6012	-	-	-	
GMP694N	FS1	-	-	1.5415	-	0.1179	10.1183	-	-	-	
GMP694N		-	-	-	-	-	-	-0.1179	-	111.8252	
GMP694N	BS1	1.0096	-	-	-	-	23.2456	-	-	-	
25	FS1	-	-	2.9669	-	1.9574	23.6682	-	-	-	
25		-	-	-	-	-	-	-1.9574	-	109.8679	
25	BS1	1.4803	-	-	-	-	19.9331	-	-	-	
26	FS1	-	-	1.1171	0.3632	-	20.0147	-	-	-	
26		-	-	-	-	-	-	0.3632	-	110.2311	
26	BS1	1.5419	-	-	-	-	13.9547	-	-	-	
GMP695	FS1	-	-	0.8699	0.6720	-	13.8380	-	-	-	
GMP695		-	-	-	-	-	-	0.6720	-	110.9031	
GMP695	BS1	2.3982	-	-	-	-	21.0196	-	-	-	
27	FS1	-	-	1.2502	1.1480	-	20.2967	-	-	-	
27		-	-	-	-	-	-	1.1480	-	112.0511	
27	BS1	1.3345	-	-	-	-	21.6824	-	-	-	
28	FS1	-	-	1.2929	0.0417	-	22.0161	-	-	-	
28		-	-	-	-	-	-	0.0417	-	112.0928	
28	BS1	1.3350	-	-	-	-	21.7358	-	-	-	
29	FS1	-	-	1.3331	0.0019	-	21.8246	-	-	-	
29		-	-	-	-	-	-	0.0019	-	112.0946	
29	BS1	0.9693	-	-	-	-	16.5796	-	-	-	
GMP696	FS1	-	-	2.8564	-	1.8871	16.9657	-	-	-	
GMP696		-	-	-	-	-	-	-1.8871	-	110.2075	
GMP696	BS1	2.8564	-	-	-	-	16.9600	-	-	-	
30	FS1	-	-	0.9571	1.8994	-	16.7108	-	-	-	
30		-	-	-	-	-	-	1.8994	-	112.1069	
30	BS1	1.3659	-	-	-	-	24.1453	-	-	-	
31	FS1	-	-	1.3442	0.0217	-	23.9209	-	-	-	
31		-	-	-	-	-	-	0.0217	-	112.1286	
31	BS1	1.3449	-	-	-	-	16.3423	-	-	-	
32	FS1	-	-	1.2790	0.0659	-	16.7498	-	-	-	
32		-	-	-	-	-	-	0.0659	-	112.1944	
32	BS1	1.1815	-	-	-	-	16.8181	-	-	-	
GMP697	FS1	-	-	2.3131	-	1.1316	16.3158	-	-	-	
GMP697		-	-	-	-	-	-	-1.1316	-	111.0629	
GMP697	BS1	2.3130	-	-	-	-	16.3129	-	-	-	
33	FS1	-	-	1.1965	1.1165	-	17.0365	-	-	-	
33		-	-	-	-	-	-	1.1165	-	112.1794	
33	BS1	1.4205	-	-	-	-	23.0342	-	-	-	
34	FS1	-	-	1.4599	-	0.0394	23.4120	-	-	-	

34		-	-	-	-	-	-	-0.0394	-	112.1400	
34	BS1	0.8904	-	-	-	-	21.7647	-	-	-	
GMP696	FS1	-	-	2.8232	-	1.9328	23.0357	-	-	-	
GMP696		-	-	-	-	-	-	-1.9328	-	110.2072	
GMP696	BS1	3.2318	-	-	-	-	23.0837	-	-	-	
35	FS1	-	-	1.3792	1.8526	-	22.5320	-	-	-	
35		-	-	-	-	-	-	1.8526	-	112.0598	
35	BS1	1.3147	-	-	-	-	23.9756	-	-	-	
36	FS1	-	-	1.2403	0.0744	-	24.5854	-	-	-	
36		-	-	-	-	-	-	0.0744	-	112.1342	
36	BS1	1.2137	-	-	-	-	15.8186	-	-	-	
37	FS1	-	-	1.3769	-	0.1632	16.2022	-	-	-	
37		-	-	-	-	-	-	-0.1632	-	111.9710	
37	BS1	1.1174	-	-	-	-	18.3235	-	-	-	
GMP495	FS1	-	-	2.1855	-	1.0681	18.1785	-	-	-	
GMP495		-	-	-	-	-	-	-1.0681	-	110.9029	
GMP495	BS1	2.1856	-	-	-	-	18.1774	-	-	-	
38	FS1	-	-	1.0607	1.1249	-	17.2345	-	-	-	
38		-	-	-	-	-	-	1.1249	-	112.0278	
38	BS1	1.3684	-	-	-	-	23.6091	-	-	-	
39	FS1	-	-	1.4222	-	0.0538	24.3643	-	-	-	
39		-	-	-	-	-	-	-0.0538	-	111.9740	
39	BS1	1.2962	-	-	-	-	19.7885	-	-	-	
40	FS1	-	-	1.2855	0.0107	-	19.6443	-	-	-	
40		-	-	-	-	-	-	0.0107	-	111.9847	
40	BS1	1.3780	-	-	-	-	6.6778	-	-	-	
GMP694N	FS1	-	-	1.5379	-	0.1599	6.5966	-	-	-	
GMP694N		-	-	-	-	-	-	-0.1599	-	111.8248	
GMP694N	BS1	1.5634	-	-	-	-	24.8217	-	-	-	
41	FS1	-	-	1.4185	0.1449	-	24.7150	-	-	-	
41		-	-	-	-	-	-	0.1449	-	111.9697	
41	BS1	1.3247	-	-	-	-	23.7441	-	-	-	
42	FS1	-	-	1.3551	-	0.0304	24.4217	-	-	-	
42		-	-	-	-	-	-	-0.0304	-	111.9394	
42	BS1	1.3521	-	-	-	-	18.3531	-	-	-	
43	FS1	-	-	1.3151	0.0370	-	17.6946	-	-	-	
43		-	-	-	-	-	-	0.0370	-	111.9763	
43	BS1	1.1790	-	-	-	-	19.0522	-	-	-	
GMP693	FS1	-	-	3.2552	-	2.0762	19.9760	-	-	-	
GMP693		-	-	-	-	-	-	-2.0762	-	109.9001	
GMP693	BS1	3.2551	-	-	-	-	19.9674	-	-	-	
44	FS1	-	-	1.2832	1.9719	-	18.7467	-	-	-	
44		-	-	-	-	-	-	1.9719	-	111.8720	
44	BS1	1.3208	-	-	-	-	24.1919	-	-	-	
45	FS1	-	-	1.3358	-	0.0150	24.6254	-	-	-	
45		-	-	-	-	-	-	-0.0150	-	111.8570	
45	BS1	1.3605	-	-	-	-	24.6940	-	-	-	
46	FS1	-	-	1.2521	0.1085	-	24.9786	-	-	-	
46		-	-	-	-	-	-	0.1085	-	111.9655	
46	BS1	0.8798	-	-	-	-	19.1925	-	-	-	
GMP692	FS1	-	-	2.3279	-	1.4481	20.2288	-	-	-	
GMP692		-	-	-	-	-	-	-1.4481	-	110.5174	
GMP692	BS1	0.6193	-	-	-	-	25.0224	-	-	-	
47	FS1	-	-	1.8565	-	1.2371	25.2723	-	-	-	
47		-	-	-	-	-	-	-1.2371	-	109.2803	
47	BS1	1.4245	-	-	-	-	24.9382	-	-	-	
48	FS1	-	-	0.6954	0.7291	-	24.3128	-	-	-	
48		-	-	-	-	-	-	0.7291	-	110.0093	
48	BS1	1.8176	-	-	-	-	23.1226	-	-	-	
49	FS1	-	-	1.3218	0.4958	-	23.4904	-	-	-	
49		-	-	-	-	-	-	0.4958	-	110.5052	
49	BS1	1.4456	-	-	-	-	24.5561	-	-	-	
50	FS1	-	-	1.5977	-	0.1522	25.4893	-	-	-	
50		-	-	-	-	-	-	-0.1522	-	110.3530	
50	BS1	1.0761	-	-	-	-	24.7000	-	-	-	
51	FS1	-	-	1.4999	-	0.4238	24.9583	-	-	-	
51		-	-	-	-	-	-	-0.4238	-	109.9292	
51	BS1	1.5361	-	-	-	-	24.5633	-	-	-	
52	FS1	-	-	0.8967	0.6394	-	24.9922	-	-	-	
52		-	-	-	-	-	-	0.6394	-	110.5686	
52	BS1	2.0349	-	-	-	-	24.6326	-	-	-	
53	FS1	-	-	1.4708	0.5640	-	25.0769	-	-	-	
53		-	-	-	-	-	-	0.5640	-	111.1326	

53	BS1	1.3301	-	-	-	-	23.1186	-	-	-	
54	FS1	-	-	1.0946	0.2355	-	24.1249	-	-	-	
54		-	-	-	-	-	-	0.2355	-	111.3681	
54	BS1	1.2923	-	-	-	-	23.8345	-	-	-	
55	FS1	-	-	1.2660	0.0262	-	23.3750	-	-	-	
55		-	-	-	-	-	-	0.0262	-	111.3944	
55	BS1	1.2830	-	-	-	-	21.3487	-	-	-	
GMP691N	FS1	-	-	1.4889	-	0.2059	19.1674	-	-	-	
GMP691N		-	-	-	-	-	-	-0.2059	-	111.1885	
GMP691N	BS1	1.7096	-	-	-	-	24.1598	-	-	-	
56	FS1	-	-	1.2329	0.4767	-	24.6715	-	-	-	
56		-	-	-	-	-	-	0.4767	-	111.6652	
56	BS1	1.3254	-	-	-	-	12.2539	-	-	-	
57	FS1	-	-	1.3320	-	0.0065	11.8422	-	-	-	
57		-	-	-	-	-	-	-0.0065	-	111.6587	
57	BS1	1.2366	-	-	-	-	16.2782	-	-	-	
GMP690	FS1	-	-	2.7003	-	1.4637	16.8967	-	-	-	
GMP690		-	-	-	-	-	-	-1.4637	-	110.1949	
GMP690	BS1	2.8506	-	-	-	-	18.4970	-	-	-	
58	FS1	-	-	1.4452	1.4054	-	17.8816	-	-	-	
58		-	-	-	-	-	-	1.4054	-	111.6003	
58	BS1	1.4361	-	-	-	-	14.6582	-	-	-	
59	FS1	-	-	1.4550	-	0.0189	14.7487	-	-	-	
59		-	-	-	-	-	-	-0.0189	-	111.5814	
59	BS1	1.2042	-	-	-	-	16.2557	-	-	-	
GMP689	FS1	-	-	2.9892	-	1.7851	17.7354	-	-	-	
GMP689		-	-	-	-	-	-	-1.7851	-	109.7964	
GMP689	BS1	2.9869	-	-	-	-	20.6312	-	-	-	
60	FS1	-	-	1.2732	1.7137	-	21.6804	-	-	-	
60		-	-	-	-	-	-	1.7137	-	111.5101	
60	BS1	1.3975	-	-	-	-	21.1758	-	-	-	
61	FS1	-	-	1.4581	-	0.0606	21.1925	-	-	-	
61		-	-	-	-	-	-	-0.0606	-	111.4494	
61	BS1	0.5382	-	-	-	-	15.2570	-	-	-	
62	FS1	-	-	2.5146	-	1.9764	15.8286	-	-	-	
62		-	-	-	-	-	-	-1.9764	-	109.4730	
62	BS1	1.3285	-	-	-	-	18.3080	-	-	-	
63	FS1	-	-	1.4019	-	0.0734	18.1670	-	-	-	
63		-	-	-	-	-	-	-0.0734	-	109.3996	
63	BS1	1.3288	-	-	-	-	8.4058	-	-	-	
GMP688	FS1	-	-	0.8057	0.5231	-	8.6083	-	-	-	
GMP688		-	-	-	-	-	-	0.5231	-	109.9259	

Leica Geosystems AG
Heinrich Wild Strasse
CH-9435 Heerbrugg
St. Gallen, Switzerland

Phone: + 41 71 727 3131
Fax: + 41 71 727 4674

- when it has to be right

Level Report

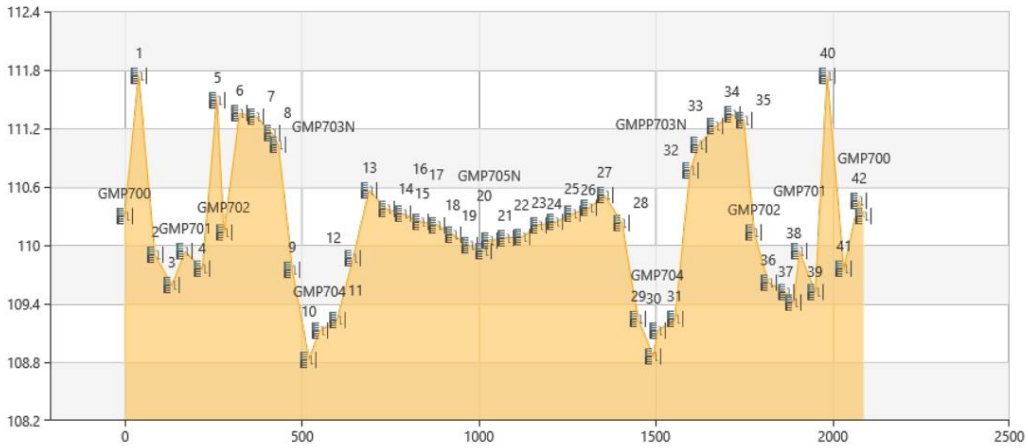
Report created: 03.04.2024 10:28:21

Project Details

General		Customer Details		Master Coordinate System	
Project Name:	5	Customer Name:	-	Coordinate System Name:	None
Owner:	-	Contact Person:	-	Transformation Type:	-
Lead Surveyor:	-	Number:	-	Residual Distribution:	-
Date Created:	03.04.2024 10:28:11	Email:	-	Ellipsoid:	-
Last Accessed:	03.04.2024 10:28:11	Skype:	-	Projection Type:	-
Application Software:	Infinity 4.0.0	Website:	-	Geoid Model:	-
				CSCS Model:	-

Path:	C:\Users\TOP-PC\Documents\Leica Geosystems\Infinity\Projects\5\5.iprj
Size:	0.1 MB
Comments:	-

Level Line Id: Line 001



General

Date/Time	2.4.2024. 16:30:35	Instrument Type:	
Staff One Id:	-	Method:	BF
Staff Two Id:	-	Stations:	52
Start Point:	GMP700	Observations:	104
End Point:	GMP700		

Results

Height Difference:	0.0006 m	Height Error / Point:	0.0000 m
Length:	2088.2980 m	Total Distance Balance:	-2.4773 m
Misclosure:	0.0006 m	Total Station Difference:	-

Processing Parameters

Adjustment Method:	No Adjustment
Staff Corrections:	Not Applied

Points

Point Id	Date/Time	Height [m]	ΔHeight [m]	SD [m]
GMP700	2.4.2024. 16:30:36	110.2942	-	0.0020
1	2.4.2024. 16:30:40	111.7372	1.4430	0.0003
2	2.4.2024. 16:30:44	109.9029	-1.8343	0.0004

3	2.4.2024. 16:30:48	109.5896	-0.3133	0.0005
GMP701	2.4.2024. 16:30:52	109.9354	0.3459	0.0006
4	2.4.2024. 16:30:56	109.7584	-0.1770	0.0006
5	2.4.2024. 16:31:00	111.4931	1.7347	0.0007
GMP702	2.4.2024. 16:31:04	110.1263	-1.3668	0.0007
6	2.4.2024. 16:31:08	111.3551	1.2288	0.0008
7	2.4.2024. 16:31:12	111.3188	-0.0362	0.0008
8	2.4.2024. 16:31:16	111.1535	-0.1653	0.0009
GMP703N	2.4.2024. 16:31:20	111.0305	-0.1230	0.0009
9	2.4.2024. 16:31:24	109.7461	-1.2844	0.0010
10	2.4.2024. 16:31:28	108.8298	-0.9163	0.0010
GMP704	2.4.2024. 16:31:32	109.1226	0.2927	0.0011
11	2.4.2024. 16:31:36	109.2303	0.1078	0.0011
12	2.4.2024. 16:31:40	109.8721	0.6418	0.0011
13	2.4.2024. 16:31:44	110.5604	0.6883	0.0012
14	2.4.2024. 16:31:48	110.3732	-0.1872	0.0012
15	2.4.2024. 16:31:52	110.3211	-0.0521	0.0012
16	2.4.2024. 16:31:56	110.2434	-0.0777	0.0013
17	2.4.2024. 16:32:00	110.2095	-0.0339	0.0013
18	2.4.2024. 16:32:04	110.1089	-0.1007	0.0013
19	2.4.2024. 16:32:08	109.9986	-0.1103	0.0014
20	2.4.2024. 16:32:12	109.9364	-0.0622	0.0014
GMP705N	2.4.2024. 16:32:16	110.0488	0.1125	0.0014
21	2.4.2024. 16:32:20	110.0753	0.0264	0.0014
22	2.4.2024. 16:32:24	110.0830	0.0078	0.0015
23	2.4.2024. 16:32:28	110.2075	0.1245	0.0015
24	2.4.2024. 16:32:32	110.2357	0.0281	0.0015
25	2.4.2024. 16:32:36	110.3201	0.0845	0.0015
26	2.4.2024. 16:32:40	110.3790	0.0589	0.0016
27	2.4.2024. 16:32:44	110.5103	0.1313	0.0016
28	2.4.2024. 16:32:48	110.2276	-0.2827	0.0016
29	2.4.2024. 16:32:52	109.2464	-0.9812	0.0016
30	2.4.2024. 16:32:56	108.8598	-0.3867	0.0017
GMP704	2.4.2024. 16:33:00	109.1232	0.2634	0.0017
31	2.4.2024. 16:33:04	109.2399	0.1167	0.0017
32	2.4.2024. 16:33:08	110.7734	1.5334	0.0017
GMPP703N	2.4.2024. 16:33:12	111.0311	0.2578	0.0018
33	2.4.2024. 16:33:16	111.2195	0.1884	0.0018
34	2.4.2024. 16:33:20	111.3397	0.1202	0.0018
35	2.4.2024. 16:33:24	111.2848	-0.0549	0.0018
GMP702	2.4.2024. 16:33:28	110.1274	-1.1574	0.0019
36	2.4.2024. 16:33:32	109.6212	-0.5062	0.0019
37	2.4.2024. 16:33:36	109.5163	-0.1049	0.0019
38	2.4.2024. 16:33:40	109.4150	-0.1013	0.0019
GMP701	2.4.2024. 16:33:44	109.9363	0.5213	0.0019
39	2.4.2024. 16:33:48	109.5231	-0.4132	0.0020
40	2.4.2024. 16:33:52	111.7347	2.2116	0.0020
41	2.4.2024. 16:33:56	109.7592	-1.9755	0.0020
42	2.4.2024. 16:34:00	110.4542	0.6950	0.0020
GMP700	2.4.2024. 16:30:36	110.2942	-0.1600	0.0020

Line Tolerances

Allowable Misclosure E = a + b √ L:	0.0092 m
a:	0.0020 m
b:	0.0050 m/√km
L (Level Line Length):	2.0883 km
Height Error / Point:	0.0005 m
Total Distance Balance:	10.0000 m

Observation Tolerances

Double Observation Check:	0.0010 m
Station Difference:	0.0003 m
Max. Sight Distance:	40.0000 m
Min. Ground Clearance:	0.5000 m

Point Height Tolerances

Height Spread:	0.0200 m
Max. Difference From Fixed Height:	0.0100 m

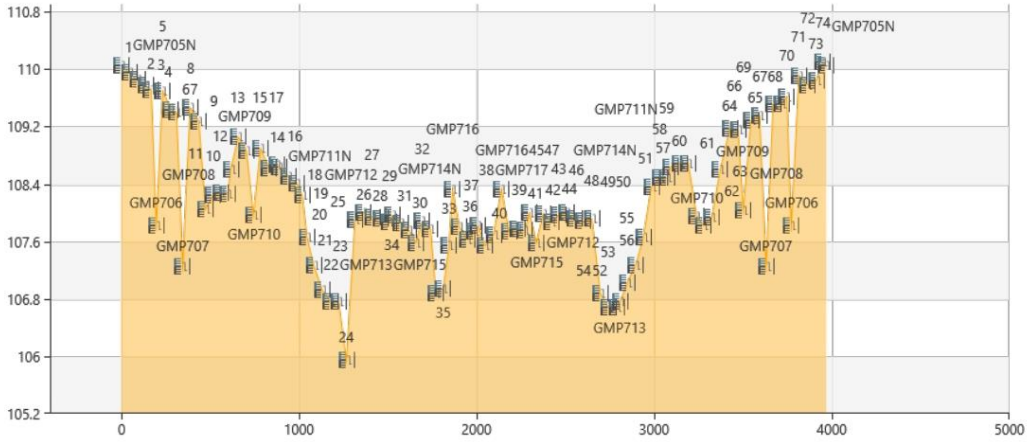
Booking Sheet

Point Id	Type	BS [m]	IS [m]	FS [m]	Rise [m]	Fall [m]	Hz Dist. [m]	ΔHeight [m]	ΔHeight Corr. [m]	Height [m]	Remark
GMP700		-	-	-	-	-	-	0.0000	0.0000	110.2942	
GMP700	BS1	2.5104	-	-	-	-	19.7926	-	-	-	
1	FS1	-	-	1.0674	1.4430	-	20.2205	-	-	-	
1		-	-	-	-	-	-	1.4430	-	111.7372	
1	BS1	1.1781	-	-	-	-	22.4227	-	-	-	
2	FS1	-	-	3.0124	-	1.8343	23.2260	-	-	-	
2		-	-	-	-	-	-	-1.8343	-	109.9029	
2	BS1	1.1796	-	-	-	-	24.1189	-	-	-	
3	FS1	-	-	1.4929	-	0.3133	24.3907	-	-	-	
3		-	-	-	-	-	-	-0.3133	-	109.5896	
3	BS1	1.3203	-	-	-	-	18.3619	-	-	-	

GMP701	FS1	-	-	0.9745	0.3459	-	18.3155	-	-	109.9354	
GMP701		-	-	-	-	-	-	0.3459	-	-	
GMP701	BS1	0.8584	-	-	-	-	24.7130	-	-	-	
4	FS1	-	-	1.0354	-	0.1771	24.6587	-	-	-	
4		-	-	-	-	-	-	-0.1771	-	109.7584	
4	BS1	2.7614	-	-	-	-	19.9996	-	-	-	
5	FS1	-	-	1.0267	1.7347	-	20.8858	-	-	-	
5		-	-	-	-	-	-	1.7347	-	111.4931	
5	BS1	1.1972	-	-	-	-	10.0710	-	-	-	
GMP702	FS1	-	-	2.5640	-	1.3668	9.8993	-	-	-	
GMP702		-	-	-	-	-	-	-1.3668	-	110.1263	
GMP702	BS1	2.4260	-	-	-	-	21.8267	-	-	-	
6	FS1	-	-	1.1972	1.2288	-	22.3866	-	-	-	
6		-	-	-	-	-	-	1.2288	-	111.3551	
6	BS1	1.3911	-	-	-	-	23.4309	-	-	-	
7	FS1	-	-	1.4273	-	0.0362	23.3483	-	-	-	
7		-	-	-	-	-	-	-0.0362	-	111.3188	
7	BS1	1.4055	-	-	-	-	22.0325	-	-	-	
8	FS1	-	-	1.5709	-	0.1653	21.7072	-	-	-	
8		-	-	-	-	-	-	-0.1653	-	111.1535	
8	BS1	1.3600	-	-	-	-	10.1299	-	-	-	
GMP703N	FS1	-	-	1.4829	-	0.1230	9.0843	-	-	-	
GMP703N		-	-	-	-	-	-	-0.1230	-	111.0305	
GMP703N	BS1	1.0948	-	-	-	-	20.0243	-	-	-	
9	FS1	-	-	2.3792	-	1.2844	19.3213	-	-	-	
9		-	-	-	-	-	-	-1.2844	-	109.7461	
9	BS1	0.9893	-	-	-	-	23.1413	-	-	-	
10	FS1	-	-	1.9056	-	0.9163	23.5084	-	-	-	
10		-	-	-	-	-	-	-0.9163	-	108.8298	
10	BS1	1.3803	-	-	-	-	15.3737	-	-	-	
GMP704	FS1	-	-	1.0876	0.2927	-	15.2514	-	-	-	
GMP704		-	-	-	-	-	-	0.2927	-	109.1226	
GMP704	BS1	1.3850	-	-	-	-	23.9280	-	-	-	
11	FS1	-	-	1.2773	0.1078	-	24.8717	-	-	-	
11		-	-	-	-	-	-	0.1078	-	109.2303	
11	BS1	1.4128	-	-	-	-	23.2544	-	-	-	
12	FS1	-	-	0.7710	0.6418	-	22.4960	-	-	-	
12		-	-	-	-	-	-	0.6418	-	109.8721	
12	BS1	1.8502	-	-	-	-	22.0983	-	-	-	
13	FS1	-	-	1.1619	0.6883	-	23.0658	-	-	-	
13		-	-	-	-	-	-	0.6883	-	110.5604	
13	BS1	1.3229	-	-	-	-	23.8313	-	-	-	
14	FS1	-	-	1.5101	-	0.1872	24.2199	-	-	-	
14		-	-	-	-	-	-	-0.1872	-	110.3732	
14	BS1	1.4031	-	-	-	-	23.6455	-	-	-	
15	FS1	-	-	1.4552	-	0.0521	23.9910	-	-	-	
15		-	-	-	-	-	-	-0.0521	-	110.3211	
15	BS1	1.4031	-	-	-	-	23.8027	-	-	-	
16	FS1	-	-	1.4808	-	0.0777	24.0518	-	-	-	
16		-	-	-	-	-	-	-0.0777	-	110.2434	
16	BS1	1.4331	-	-	-	-	23.5661	-	-	-	
17	FS1	-	-	1.4670	-	0.0339	23.5243	-	-	-	
17		-	-	-	-	-	-	-0.0339	-	110.2095	
17	BS1	1.3225	-	-	-	-	22.7452	-	-	-	
18	FS1	-	-	1.4232	-	0.1007	22.9393	-	-	-	
18		-	-	-	-	-	-	-0.1007	-	110.1089	
18	BS1	1.2866	-	-	-	-	23.3303	-	-	-	
19	FS1	-	-	1.3969	-	0.1103	22.8134	-	-	-	
19		-	-	-	-	-	-	-0.1103	-	109.9986	
19	BS1	1.3837	-	-	-	-	21.1229	-	-	-	
20	FS1	-	-	1.4459	-	0.0622	21.2057	-	-	-	
20		-	-	-	-	-	-	-0.0622	-	109.9364	
20	BS1	1.5421	-	-	-	-	7.3877	-	-	-	
GMP705N	FS1	-	-	1.4297	0.1125	-	6.9853	-	-	-	
GMP705N		-	-	-	-	-	-	0.1125	-	110.0488	
GMP705N	BS1	1.4798	-	-	-	-	22.6291	-	-	-	
21	FS1	-	-	1.4534	0.0264	-	23.3271	-	-	-	
21		-	-	-	-	-	-	0.0264	-	110.0753	
21	BS1	1.4266	-	-	-	-	23.2530	-	-	-	
22	FS1	-	-	1.4188	0.0078	-	23.2367	-	-	-	
22		-	-	-	-	-	-	0.0078	-	110.0830	
22	BS1	1.5402	-	-	-	-	23.4773	-	-	-	
23	FS1	-	-	1.4157	0.1245	-	23.4068	-	-	-	
23		-	-	-	-	-	-	0.1245	-	110.2075	

23	BS1	1.5638	-	-	-	-	23.5392	-	-	-	
24	FS1	-	-	1.5357	0.0281	-	23.3437	-	-	-	
24		-	-	-	-	-	-	0.0281	-	110.2357	
24	BS1	1.5682	-	-	-	-	23.5647	-	-	-	
25	FS1	-	-	1.4837	0.0845	-	23.8348	-	-	-	
25		-	-	-	-	-	-	0.0845	-	110.3201	
25	BS1	1.5713	-	-	-	-	23.0952	-	-	-	
26	FS1	-	-	1.5124	0.0589	-	22.9836	-	-	-	
26		-	-	-	-	-	-	0.0589	-	110.3790	
26	BS1	1.5682	-	-	-	-	22.7899	-	-	-	
27	FS1	-	-	1.4369	0.1313	-	23.5326	-	-	-	
27		-	-	-	-	-	-	0.1313	-	110.5103	
27	BS1	1.4595	-	-	-	-	23.9629	-	-	-	
28	FS1	-	-	1.7422	-	0.2827	24.8553	-	-	-	
28		-	-	-	-	-	-	-0.2827	-	110.2276	
28	BS1	**0.3607**	-	-	-	-	22.2171	-	-	-	
29	FS1	-	-	1.3419	-	0.9812	22.9092	-	-	-	
29		-	-	-	-	-	-	-0.9812	-	109.2464	
29	BS1	1.3519	-	-	-	-	21.9027	-	-	-	
30	FS1	-	-	1.7386	-	0.3867	21.5168	-	-	-	
30		-	-	-	-	-	-	-0.3867	-	108.8598	
30	BS1	1.4803	-	-	-	-	6.3103	-	-	-	
GMP704	FS1	-	-	1.2169	0.2634	-	5.9792	-	-	-	
GMP704		-	-	-	-	-	-	0.2634	-	109.1232	
GMP704	BS1	1.0831	-	-	-	-	23.8444	-	-	-	
31	FS1	-	-	0.9663	0.1168	-	24.6136	-	-	-	
31		-	-	-	-	-	-	0.1168	-	109.2399	
31	BS1	2.6974	-	-	-	-	21.4120	-	-	-	
32	FS1	-	-	1.1639	1.5334	-	22.2146	-	-	-	
32		-	-	-	-	-	-	1.5334	-	110.7734	
32	BS1	1.9309	-	-	-	-	12.3202	-	-	-	
GMPP703N	FS1	-	-	1.6731	0.2578	-	11.8606	-	-	-	
GMPP703N		-	-	-	-	-	-	0.2578	-	111.0311	
GMPP703N	BS1	1.6668	-	-	-	-	23.7457	-	-	-	
33	FS1	-	-	1.4784	0.1884	-	23.4293	-	-	-	
33		-	-	-	-	-	-	0.1884	-	111.2195	
33	BS1	1.5883	-	-	-	-	23.7065	-	-	-	
34	FS1	-	-	1.4681	0.1202	-	23.1360	-	-	-	
34		-	-	-	-	-	-	0.1202	-	111.3397	
34	BS1	1.4026	-	-	-	-	16.6778	-	-	-	
35	FS1	-	-	1.4575	-	0.0549	16.5718	-	-	-	
35		-	-	-	-	-	-	-0.0549	-	111.2848	
35	BS1	1.2456	-	-	-	-	14.6225	-	-	-	
GMP702	FS1	-	-	2.4031	-	1.1574	14.2827	-	-	-	
GMP702		-	-	-	-	-	-	-1.1574	-	110.1274	
GMP702	BS1	2.4979	-	-	-	-	19.8824	-	-	-	
36	FS1	-	-	3.0040	-	0.5062	20.5146	-	-	-	
36		-	-	-	-	-	-	-0.5062	-	109.6212	
36	BS1	1.4400	-	-	-	-	24.0743	-	-	-	
37	FS1	-	-	1.5449	-	0.1049	25.0324	-	-	-	
37		-	-	-	-	-	-	-0.1049	-	109.5163	
37	BS1	1.2080	-	-	-	-	11.7522	-	-	-	
38	FS1	-	-	1.3093	-	0.1013	10.8072	-	-	-	
38		-	-	-	-	-	-	-0.1013	-	109.4150	
38	BS1	1.2730	-	-	-	-	8.1566	-	-	-	
GMP701	FS1	-	-	0.7518	0.5213	-	7.6038	-	-	-	
GMP701		-	-	-	-	-	-	0.5213	-	109.9363	
GMP701	BS1	0.9327	-	-	-	-	22.6940	-	-	-	
39	FS1	-	-	1.3458	-	0.4132	22.1636	-	-	-	
39		-	-	-	-	-	-	-0.4132	-	109.5231	
39	BS1	3.0994	-	-	-	-	17.4633	-	-	-	
40	FS1	-	-	0.8878	2.2116	-	16.3294	-	-	-	
40		-	-	-	-	-	-	2.2116	-	111.7347	
40	BS1	1.2242	-	-	-	-	23.1697	-	-	-	
41	FS1	-	-	3.1997	-	1.9755	23.3993	-	-	-	
41		-	-	-	-	-	-	-1.9755	-	109.7592	
41	BS1	1.6306	-	-	-	-	21.8943	-	-	-	
42	FS1	-	-	0.9356	0.6950	-	21.4044	-	-	-	
42		-	-	-	-	-	-	0.6950	-	110.4542	
42	BS1	0.9778	-	-	-	-	6.6021	-	-	-	
GMP700	FS1	-	-	1.1372	-	0.1594	6.7306	-	-	-	
GMP700		-	-	-	-	-	-	-0.1594	-	110.2942	

Level Line Id: Line 002



General

Date/Time	2.4.2024. 16:34:10	Instrument Type:	
Staff One Id:	-	Method:	BF
Staff Two Id:	-	Stations:	98
Start Point:	GMP705N	Observations:	196
End Point:	GMP705N		

Results

Height Difference:	-0.0045 m	Height Error / Point:	0.0000 m
Length:	3968.9010 m	Total Distance Balance:	**-12.7923 m**
Misclosure:	-0.0045 m	Total Station Difference:	-

Processing Parameters

Adjustment Method:	No Adjustment
Staff Corrections:	Not Applied

Points

Point Id	Date/Time	Height [m]	ΔHeight [m]	SD [m]
GMP705N	2.4.2024. 16:34:11	110.0488	-	0.0028
1	2.4.2024. 16:34:15	109.9559	-0.0930	0.0003
2	2.4.2024. 16:34:19	109.8500	-0.1059	0.0004
3	2.4.2024. 16:34:23	109.7716	-0.0784	0.0005
4	2.4.2024. 16:34:27	109.7058	-0.0657	0.0006
GMP706	2.4.2024. 16:34:31	107.8199	-1.8859	0.0006
5	2.4.2024. 16:34:35	109.6912	1.8713	0.0007
6	2.4.2024. 16:34:39	109.4398	-0.2514	0.0007
7	2.4.2024. 16:34:43	109.3998	-0.0400	0.0008
GMP707	2.4.2024. 16:34:47	107.2530	-2.1467	0.0008
8	2.4.2024. 16:34:51	109.4640	2.2110	0.0009
9	2.4.2024. 16:34:55	109.2771	-0.1870	0.0009
GMP708	2.4.2024. 16:34:59	108.0448	-1.2323	0.0010
10	2.4.2024. 16:35:03	108.2443	0.1995	0.0010
11	2.4.2024. 16:35:07	108.2706	0.0263	0.0011
12	2.4.2024. 16:35:11	108.2677	-0.0030	0.0011
GMP709	2.4.2024. 16:35:15	108.6011	0.3335	0.0011
13	2.4.2024. 16:35:19	109.0579	0.4568	0.0012
14	2.4.2024. 16:35:23	108.8627	-0.1952	0.0012
GMP710	2.4.2024. 16:35:27	107.9608	-0.9019	0.0012
15	2.4.2024. 16:35:31	108.8974	0.9365	0.0013
16	2.4.2024. 16:35:35	108.6169	-0.2805	0.0013
17	2.4.2024. 16:35:39	108.6680	0.0511	0.0013
GMP711N	2.4.2024. 16:35:43	108.6395	-0.0285	0.0014
18	2.4.2024. 16:35:47	108.5051	-0.1345	0.0014
19	2.4.2024. 16:35:51	108.4046	-0.1005	0.0014
20	2.4.2024. 16:35:55	108.2427	-0.1619	0.0014
GMP712	2.4.2024. 16:35:59	107.6604	-0.5823	0.0015
21	2.4.2024. 16:36:03	107.2670	-0.3933	0.0015
22	2.4.2024. 16:36:07	106.9205	-0.3465	0.0015
GMP713	2.4.2024. 16:36:11	106.7628	-0.1576	0.0015

23	2.4.2024. 16:36:15	106.7671	0.0042	0.0016
24	2.4.2024. 16:36:19	105.9415	-0.8255	0.0016
25	2.4.2024. 16:36:23	107.9004	1.9589	0.0016
26	2.4.2024. 16:36:27	108.0050	0.1046	0.0016
27	2.4.2024. 16:36:31	107.9431	-0.0619	0.0017
28	2.4.2024. 16:36:35	107.9131	-0.0300	0.0017
29	2.4.2024. 16:36:39	107.8788	-0.0342	0.0017
GMP714N	2.4.2024. 16:36:43	107.9630	0.0841	0.0017
30	2.4.2024. 16:36:47	107.8612	-0.1018	0.0018
31	2.4.2024. 16:36:51	107.7495	-0.1117	0.0018
GMP715	2.4.2024. 16:36:55	107.5838	-0.1657	0.0018
32	2.4.2024. 16:36:59	107.8800	0.2962	0.0018
33	2.4.2024. 16:37:03	107.7724	-0.1075	0.0019
34	2.4.2024. 16:37:07	106.8849	-0.8876	0.0019
35	2.4.2024. 16:37:11	106.9448	0.0599	0.0019
36	2.4.2024. 16:37:15	107.5512	0.6065	0.0019
GMP716	2.4.2024. 16:37:19	108.3272	0.7760	0.0019
37	2.4.2024. 16:37:23	107.8040	-0.5233	0.0020
38	2.4.2024. 16:37:27	107.6187	-0.1852	0.0020
39	2.4.2024. 16:37:31	107.7385	0.1198	0.0020
GMP717	2.4.2024. 16:37:35	107.8210	0.0825	0.0020
40	2.4.2024. 16:37:39	107.5434	-0.2776	0.0020
41	2.4.2024. 16:37:43	107.6983	0.1548	0.0021
GMP716	2.4.2024. 16:37:47	108.3267	0.6284	0.0021
42	2.4.2024. 16:37:51	107.7363	-0.5904	0.0021
43	2.4.2024. 16:37:55	107.7682	0.0320	0.0021
44	2.4.2024. 16:37:59	107.7547	-0.0135	0.0021
45	2.4.2024. 16:38:03	107.9948	0.2401	0.0022
GMP715	2.4.2024. 16:38:07	107.5832	-0.4116	0.0022
46	2.4.2024. 16:38:11	107.9899	0.4068	0.0022
47	2.4.2024. 16:38:15	107.8667	-0.1232	0.0022
GMP714N	2.4.2024. 16:38:19	107.9619	0.0952	0.0022
48	2.4.2024. 16:38:23	107.9966	0.0347	0.0022
49	2.4.2024. 16:38:27	107.9182	-0.0784	0.0023
50	2.4.2024. 16:38:31	107.8793	-0.0389	0.0023
51	2.4.2024. 16:38:35	107.9140	0.0347	0.0023
52	2.4.2024. 16:38:39	106.8703	-1.0437	0.0023
53	2.4.2024. 16:38:43	106.6838	-0.1864	0.0023
54	2.4.2024. 16:38:47	106.6774	-0.0065	0.0023
GMP713	2.4.2024. 16:38:51	106.7608	0.0834	0.0024
55	2.4.2024. 16:38:55	107.0259	0.2651	0.0024
56	2.4.2024. 16:38:59	107.2687	0.2428	0.0024
GMP712	2.4.2024. 16:39:03	107.6575	0.3889	0.0024
57	2.4.2024. 16:39:07	108.3542	0.6966	0.0024
58	2.4.2024. 16:39:11	108.4891	0.1349	0.0024
59	2.4.2024. 16:39:15	108.4868	-0.0023	0.0025
GMP711N	2.4.2024. 16:39:19	108.6366	0.1498	0.0025
60	2.4.2024. 16:39:23	108.6924	0.0558	0.0025
61	2.4.2024. 16:39:27	108.6899	-0.0025	0.0025
GMP710	2.4.2024. 16:39:31	107.9577	-0.7322	0.0025
62	2.4.2024. 16:39:35	107.8223	-0.1353	0.0025
63	2.4.2024. 16:39:39	107.9421	0.1198	0.0026
GMP709	2.4.2024. 16:39:43	108.5980	0.6559	0.0026
64	2.4.2024. 16:39:47	109.1750	0.5770	0.0026
65	2.4.2024. 16:39:51	109.1596	-0.0154	0.0026
GMP708	2.4.2024. 16:39:55	108.0411	-1.1185	0.0026
66	2.4.2024. 16:39:59	109.2839	1.2428	0.0026
67	2.4.2024. 16:40:03	109.3534	0.0695	0.0027
GMP707	2.4.2024. 16:40:07	107.2491	-2.1043	0.0027
68	2.4.2024. 16:40:11	109.5118	2.2627	0.0027
69	2.4.2024. 16:40:15	109.5190	0.0072	0.0027
70	2.4.2024. 16:40:19	109.6140	0.0949	0.0027
GMP706	2.4.2024. 16:40:23	107.8154	-1.7986	0.0027
71	2.4.2024. 16:40:27	109.9133	2.0979	0.0027
72	2.4.2024. 16:40:31	109.7843	-0.1290	0.0028
73	2.4.2024. 16:40:35	109.8471	0.0628	0.0028
74	2.4.2024. 16:40:39	110.0965	0.2494	0.0028
GMP705N	2.4.2024. 16:34:11	110.0488	-0.0477	0.0028

Line Tolerances

Allowable Misclosure E = a + b √ L: 0.0120 m

a: 0.0020 m

Observation Tolerances

Double Observation Check: 0.0010 m

Station Difference: 0.0003 m

Max. Sight Distance: 40.0000 m

Point Height Tolerances

Height Spread: 0.0200 m

Max. Difference From Fixed Height: 0.0100 m

b: 0.0050 m/√km Min. Ground Clearance: 0.5000 m

L (Level Line Length): 3.9689 km

Height Error / Point: 0.0005 m

Total Distance Balance: 10.0000 m

Booking Sheet

Point Id	Type	BS [m]	IS [m]	FS [m]	Rise [m]	Fall [m]	Hz Dist. [m]	ΔHeight [m]	ΔHeight Corr. [m]	Height [m]	Remark
GMP705N		-	-	-	-	-	-	0.0000	0.0000	110.0488	
GMP705N	BS1	1.3398	-	-	-	-	22.1456	-	-	-	
1	FS1	-	-	1.4328	-	0.0930	22.3692	-	-	-	
1		-	-	-	-	-	-	-0.0930	-	109.9559	
1	BS1	1.2391	-	-	-	-	22.4662	-	-	-	
2	FS1	-	-	1.3450	-	0.1059	23.6263	-	-	-	
2		-	-	-	-	-	-	-0.1059	-	109.8500	
2	BS1	1.3436	-	-	-	-	22.9089	-	-	-	
3	FS1	-	-	1.4220	-	0.0784	23.4432	-	-	-	
3		-	-	-	-	-	-	-0.0784	-	109.7716	
3	BS1	1.3413	-	-	-	-	16.0974	-	-	-	
4	FS1	-	-	1.4070	-	0.0657	15.8633	-	-	-	
4		-	-	-	-	-	-	-0.0657	-	109.7058	
4	BS1	1.1718	-	-	-	-	14.0766	-	-	-	
GMP706	FS1	-	-	3.0578	-	1.8859	14.5330	-	-	-	
GMP706		-	-	-	-	-	-	-1.8859	-	107.8199	
GMP706	BS1	2.9925	-	-	-	-	17.9033	-	-	-	
5	FS1	-	-	1.1212	1.8713	-	18.0875	-	-	-	
5		-	-	-	-	-	-	1.8713	-	109.6912	
5	BS1	1.2485	-	-	-	-	22.9165	-	-	-	
6	FS1	-	-	1.4999	-	0.2514	23.6397	-	-	-	
6		-	-	-	-	-	-	-0.2514	-	109.4398	
6	BS1	1.4114	-	-	-	-	15.3415	-	-	-	
7	FS1	-	-	1.4514	-	0.0400	16.4045	-	-	-	
7		-	-	-	-	-	-	-0.0400	-	109.3998	
7	BS1	1.4048	-	-	-	-	17.5926	-	-	-	
GMP707	FS1	-	-	3.5516	-	2.1467	16.9117	-	-	-	
GMP707		-	-	-	-	-	-	-2.1467	-	107.2530	
GMP707	BS1	3.4224	-	-	-	-	21.0688	-	-	-	
8	FS1	-	-	1.2114	2.2110	-	20.4535	-	-	-	
8		-	-	-	-	-	-	2.2110	-	109.4640	
8	BS1	1.2512	-	-	-	-	24.4756	-	-	-	
9	FS1	-	-	1.4382	-	0.1870	24.5290	-	-	-	
9		-	-	-	-	-	-	-0.1870	-	109.2771	
9	BS1	1.2811	-	-	-	-	18.9401	-	-	-	
GMP708	FS1	-	-	2.5134	-	1.2323	18.5527	-	-	-	
GMP708		-	-	-	-	-	-	-1.2323	-	108.0448	
GMP708	BS1	2.5195	-	-	-	-	20.6510	-	-	-	
10	FS1	-	-	2.3200	0.1995	-	20.5452	-	-	-	
10		-	-	-	-	-	-	0.1995	-	108.2443	
10	BS1	1.4237	-	-	-	-	24.1347	-	-	-	
11	FS1	-	-	1.3973	0.0263	-	23.4905	-	-	-	
11		-	-	-	-	-	-	0.0263	-	108.2706	
11	BS1	1.4295	-	-	-	-	18.0367	-	-	-	
12	FS1	-	-	1.4324	-	0.0030	17.5979	-	-	-	
12		-	-	-	-	-	-	-0.0030	-	108.2677	
12	BS1	1.3294	-	-	-	-	8.9855	-	-	-	
GMP709	FS1	-	-	0.9960	0.3335	-	8.9500	-	-	-	
GMP709		-	-	-	-	-	-	0.3335	-	108.6011	
GMP709	BS1	1.7008	-	-	-	-	20.7252	-	-	-	
13	FS1	-	-	1.2440	0.4568	-	20.8596	-	-	-	
13		-	-	-	-	-	-	0.4568	-	109.0579	
13	BS1	1.2725	-	-	-	-	23.1055	-	-	-	
14	FS1	-	-	1.4677	-	0.1952	23.7197	-	-	-	
14		-	-	-	-	-	-	-0.1952	-	108.8627	
14	BS1	1.3549	-	-	-	-	19.5927	-	-	-	
GMP710	FS1	-	-	2.2568	-	0.9019	19.7287	-	-	-	
GMP710		-	-	-	-	-	-	-0.9019	-	107.9608	
GMP710	BS1	2.1790	-	-	-	-	19.8086	-	-	-	
15	FS1	-	-	1.2424	0.9365	-	19.6056	-	-	-	
15		-	-	-	-	-	-	0.9365	-	108.8974	
15	BS1	1.2029	-	-	-	-	23.8296	-	-	-	
16	FS1	-	-	1.4834	-	0.2805	24.5813	-	-	-	
16		-	-	-	-	-	-	-0.2805	-	108.6169	
16	BS1	1.3519	-	-	-	-	21.4720	-	-	-	
17	FS1	-	-	1.3007	0.0511	-	20.7434	-	-	-	

17		-	-	-	-	-	-	0.0511	-	108.6680	
17	BS1	1.2531	-	-	-	-	9.2328	-	-	-	
GMP711N	FS1	-	-	1.2816	-	0.0285	8.1331	-	-	-	
GMP711N		-	-	-	-	-	-	-0.0285	-	108.6395	
GMP711N	BS1	1.3780	-	-	-	-	24.2887	-	-	-	
18	FS1	-	-	1.5125	-	0.1345	23.9651	-	-	-	
18		-	-	-	-	-	-	-0.1345	-	108.5051	
18	BS1	1.3293	-	-	-	-	24.2130	-	-	-	
19	FS1	-	-	1.4297	-	0.1005	24.9069	-	-	-	
19		-	-	-	-	-	-	-0.1005	-	108.4046	
19	BS1	1.3061	-	-	-	-	14.7612	-	-	-	
20	FS1	-	-	1.4679	-	0.1619	14.1326	-	-	-	
20		-	-	-	-	-	-	-0.1619	-	108.2427	
20	BS1	1.2484	-	-	-	-	13.8773	-	-	-	
GMP712	FS1	-	-	1.8307	-	0.5823	13.5909	-	-	-	
GMP712		-	-	-	-	-	-	-0.5823	-	107.6604	
GMP712	BS1	1.9661	-	-	-	-	19.3504	-	-	-	
21	FS1	-	-	2.3594	-	0.3934	18.8225	-	-	-	
21		-	-	-	-	-	-	-0.3934	-	107.2670	
21	BS1	1.2456	-	-	-	-	23.8161	-	-	-	
22	FS1	-	-	1.5922	-	0.3465	24.0921	-	-	-	
22		-	-	-	-	-	-	-0.3465	-	106.9205	
22	BS1	1.3247	-	-	-	-	23.0247	-	-	-	
GMP713	FS1	-	-	1.4823	-	0.1576	24.5162	-	-	-	
GMP713		-	-	-	-	-	-	-0.1576	-	106.7628	
GMP713	BS1	1.3714	-	-	-	-	21.6795	-	-	-	
23	FS1	-	-	1.3672	0.0042	-	22.0591	-	-	-	
23		-	-	-	-	-	-	0.0042	-	106.7671	
23	BS1	1.3162	-	-	-	-	21.9068	-	-	-	
24	FS1	-	-	2.1417	-	0.8255	23.0201	-	-	-	
24		-	-	-	-	-	-	-0.8255	-	105.9415	
24	BS1	2.2947	-	-	-	-	24.1243	-	-	-	
25	FS1	-	-	**0.3358**	1.9589	-	24.2551	-	-	-	
25		-	-	-	-	-	-	1.9589	-	107.9004	
25	BS1	1.6105	-	-	-	-	24.2665	-	-	-	
26	FS1	-	-	1.5059	0.1046	-	24.7647	-	-	-	
26		-	-	-	-	-	-	0.1046	-	108.0050	
26	BS1	1.4035	-	-	-	-	24.2893	-	-	-	
27	FS1	-	-	1.4654	-	0.0620	24.5724	-	-	-	
27		-	-	-	-	-	-	-0.0620	-	107.9431	
27	BS1	1.4550	-	-	-	-	23.4438	-	-	-	
28	FS1	-	-	1.4850	-	0.0300	23.1066	-	-	-	
28		-	-	-	-	-	-	-0.0300	-	107.9131	
28	BS1	1.4200	-	-	-	-	23.3609	-	-	-	
29	FS1	-	-	1.4543	-	0.0342	24.1014	-	-	-	
29		-	-	-	-	-	-	-0.0342	-	107.8788	
29	BS1	1.3180	-	-	-	-	9.7915	-	-	-	
GMP714N	FS1	-	-	1.2339	0.0841	-	10.2531	-	-	-	
GMP714N		-	-	-	-	-	-	0.0841	-	107.9630	
GMP714N	BS1	1.4435	-	-	-	-	23.7217	-	-	-	
30	FS1	-	-	1.5452	-	0.1018	23.0709	-	-	-	
30		-	-	-	-	-	-	-0.1018	-	107.8612	
30	BS1	1.3695	-	-	-	-	23.7295	-	-	-	
31	FS1	-	-	1.4813	-	0.1117	22.9835	-	-	-	
31		-	-	-	-	-	-	-0.1117	-	107.7495	
31	BS1	1.3625	-	-	-	-	18.0149	-	-	-	
GMP715	FS1	-	-	1.5282	-	0.1657	18.5640	-	-	-	
GMP715		-	-	-	-	-	-	-0.1657	-	107.5838	
GMP715	BS1	1.5283	-	-	-	-	18.5667	-	-	-	
32	FS1	-	-	1.2321	0.2962	-	17.9584	-	-	-	
32		-	-	-	-	-	-	0.2962	-	107.8800	
32	BS1	1.3391	-	-	-	-	23.0372	-	-	-	
33	FS1	-	-	1.4467	-	0.1075	22.9750	-	-	-	
33		-	-	-	-	-	-	-0.1075	-	107.7724	
33	BS1	1.3377	-	-	-	-	15.2279	-	-	-	
34	FS1	-	-	2.2253	-	0.8876	15.3491	-	-	-	
34		-	-	-	-	-	-	-0.8876	-	106.8849	
34	BS1	1.1833	-	-	-	-	20.5001	-	-	-	
35	FS1	-	-	1.1234	0.0599	-	20.7303	-	-	-	
35		-	-	-	-	-	-	0.0599	-	106.9448	
35	BS1	1.6549	-	-	-	-	16.6934	-	-	-	
36	FS1	-	-	1.0485	0.6065	-	16.7311	-	-	-	
36		-	-	-	-	-	-	0.6065	-	107.5512	
36	BS1	1.5963	-	-	-	-	9.5543	-	-	-	

GMP716	FS1	-	-	0.8203	0.7760	-	9.7232	-	-	-	
GMP716		-	-	-	-	-	-	0.7760	-	108.3272	
GMP716	BS1	0.7962	-	-	-	-	18.8733	-	-	-	
37	FS1	-	-	1.3195	-	0.5233	18.3792	-	-	-	
37		-	-	-	-	-	-	-0.5233	-	107.8040	
37	BS1	1.2949	-	-	-	-	23.9971	-	-	-	
38	FS1	-	-	1.4801	-	0.1852	24.3908	-	-	-	
38		-	-	-	-	-	-	-0.1852	-	107.6187	
38	BS1	1.7197	-	-	-	-	18.9892	-	-	-	
39	FS1	-	-	1.5999	0.1198	-	18.4105	-	-	-	
39		-	-	-	-	-	-	0.1198	-	107.7385	
39	BS1	1.1600	-	-	-	-	9.4311	-	-	-	
GMP717	FS1	-	-	1.0775	0.0825	-	9.3500	-	-	-	
GMP717		-	-	-	-	-	-	0.0825	-	107.8210	
GMP717	BS1	1.4291	-	-	-	-	21.2561	-	-	-	
40	FS1	-	-	1.7067	-	0.2776	20.6846	-	-	-	
40		-	-	-	-	-	-	-0.2776	-	107.5434	
40	BS1	1.5109	-	-	-	-	23.8574	-	-	-	
41	FS1	-	-	1.3560	0.1548	-	24.3135	-	-	-	
41		-	-	-	-	-	-	0.1548	-	107.6983	
41	BS1	1.4103	-	-	-	-	21.9075	-	-	-	
GMP716	FS1	-	-	0.7819	0.6284	-	21.4462	-	-	-	
GMP716		-	-	-	-	-	-	0.6284	-	108.3267	
GMP716	BS1	0.7395	-	-	-	-	21.6173	-	-	-	
42	FS1	-	-	1.3299	-	0.5904	20.2436	-	-	-	
42		-	-	-	-	-	-	-0.5904	-	107.7363	
42	BS1	1.4216	-	-	-	-	23.1491	-	-	-	
43	FS1	-	-	1.3897	0.0320	-	23.1719	-	-	-	
43		-	-	-	-	-	-	0.0320	-	107.7682	
43	BS1	1.4019	-	-	-	-	21.1808	-	-	-	
44	FS1	-	-	1.4154	-	0.0135	21.5982	-	-	-	
44		-	-	-	-	-	-	-0.0135	-	107.7547	
44	BS1	1.4792	-	-	-	-	13.0447	-	-	-	
45	FS1	-	-	1.2392	0.2401	-	13.6547	-	-	-	
45		-	-	-	-	-	-	0.2401	-	107.9948	
45	BS1	1.0372	-	-	-	-	19.0162	-	-	-	
GMP715	FS1	-	-	1.4489	-	0.4116	19.2995	-	-	-	
GMP715		-	-	-	-	-	-	-0.4116	-	107.5832	
GMP715	BS1	1.5724	-	-	-	-	20.2602	-	-	-	
46	FS1	-	-	1.1656	0.4068	-	20.4192	-	-	-	
46		-	-	-	-	-	-	0.4068	-	107.9899	
46	BS1	1.4043	-	-	-	-	23.1929	-	-	-	
47	FS1	-	-	1.5276	-	0.1232	23.5077	-	-	-	
47		-	-	-	-	-	-	-0.1232	-	107.8667	
47	BS1	1.4149	-	-	-	-	18.0044	-	-	-	
GMP714N	FS1	-	-	1.3197	0.0952	-	17.0084	-	-	-	
GMP714N		-	-	-	-	-	-	0.0952	-	107.9619	
GMP714N	BS1	1.4241	-	-	-	-	23.7938	-	-	-	
48	FS1	-	-	1.3894	0.0347	-	23.3739	-	-	-	
48		-	-	-	-	-	-	0.0347	-	107.9966	
48	BS1	1.4222	-	-	-	-	24.3377	-	-	-	
49	FS1	-	-	1.5006	-	0.0784	24.7081	-	-	-	
49		-	-	-	-	-	-	-0.0784	-	107.9182	
49	BS1	1.5618	-	-	-	-	23.4227	-	-	-	
50	FS1	-	-	1.6007	-	0.0389	23.8568	-	-	-	
50		-	-	-	-	-	-	-0.0389	-	107.8793	
50	BS1	1.5056	-	-	-	-	23.1953	-	-	-	
51	FS1	-	-	1.4709	0.0347	-	22.9422	-	-	-	
51		-	-	-	-	-	-	0.0347	-	107.9140	
51	BS1	1.5197	-	-	-	-	23.8103	-	-	-	
52	FS1	-	-	2.5634	-	1.0437	24.6587	-	-	-	
52		-	-	-	-	-	-	-1.0437	-	106.8703	
52	BS1	0.5405	-	-	-	-	22.4293	-	-	-	
53	FS1	-	-	0.7270	-	0.1864	22.6673	-	-	-	
53		-	-	-	-	-	-	-0.1864	-	106.6838	
53	BS1	1.4422	-	-	-	-	23.7568	-	-	-	
54	FS1	-	-	1.4487	-	0.0065	23.7355	-	-	-	
54		-	-	-	-	-	-	-0.0065	-	106.6774	
54	BS1	1.5605	-	-	-	-	9.3632	-	-	-	
GMP713	FS1	-	-	1.4770	0.0834	-	9.6915	-	-	-	
GMP713		-	-	-	-	-	-	0.0834	-	106.7608	
GMP713	BS1	1.5444	-	-	-	-	19.1914	-	-	-	
55	FS1	-	-	1.2794	0.2651	-	20.3813	-	-	-	

55		-	-	-	-	-	-	0.2651	-	-	107.0259
55	BS1	1.5555	-	-	-	-	23.2715	-	-	-	
56	FS1	-	-	1.3127	0.2428	-	23.8944	-	-	-	
56		-	-	-	-	-	-	0.2428	-	107.2687	
56	BS1	2.3530	-	-	-	-	21.9642	-	-	-	
GMP712	FS1	-	-	1.9642	0.3889	-	21.7263	-	-	-	
GMP712		-	-	-	-	-	-	0.3889	-	107.6575	
GMP712	BS1	1.9609	-	-	-	-	22.1581	-	-	-	
57	FS1	-	-	1.2642	0.6966	-	22.7648	-	-	-	
57		-	-	-	-	-	-	0.6966	-	108.3542	
57	BS1	1.5037	-	-	-	-	23.6053	-	-	-	
58	FS1	-	-	1.3688	0.1349	-	24.2253	-	-	-	
58		-	-	-	-	-	-	0.1349	-	108.4891	
58	BS1	1.4517	-	-	-	-	20.1909	-	-	-	
59	FS1	-	-	1.4540	-	0.0023	20.2609	-	-	-	
59		-	-	-	-	-	-	-0.0023	-	108.4868	
59	BS1	1.3950	-	-	-	-	9.5181	-	-	-	
GMP711N	FS1	-	-	1.2452	0.1498	-	9.8427	-	-	-	
GMP711N		-	-	-	-	-	-	0.1498	-	108.6366	
GMP711N	BS1	1.5217	-	-	-	-	25.0705	-	-	-	
60	FS1	-	-	1.4659	0.0558	-	25.8444	-	-	-	
60		-	-	-	-	-	-	0.0558	-	108.6924	
60	BS1	1.3381	-	-	-	-	24.1756	-	-	-	
61	FS1	-	-	1.3406	-	0.0025	24.8802	-	-	-	
61		-	-	-	-	-	-	-0.0025	-	108.6899	
61	BS1	1.3842	-	-	-	-	22.9322	-	-	-	
GMP710	FS1	-	-	2.1164	-	0.7323	23.4207	-	-	-	
GMP710		-	-	-	-	-	-	-0.7323	-	107.9577	
GMP710	BS1	2.1990	-	-	-	-	20.8042	-	-	-	
62	FS1	-	-	2.3343	-	0.1353	20.8772	-	-	-	
62		-	-	-	-	-	-	-0.1353	-	107.8223	
62	BS1	1.5987	-	-	-	-	21.9388	-	-	-	
63	FS1	-	-	1.4789	0.1198	-	23.2207	-	-	-	
63		-	-	-	-	-	-	0.1198	-	107.9421	
63	BS1	1.6583	-	-	-	-	23.1687	-	-	-	
GMP709	FS1	-	-	1.0024	0.6559	-	23.8398	-	-	-	
GMP709		-	-	-	-	-	-	0.6559	-	108.5980	
GMP709	BS1	1.8067	-	-	-	-	27.7984	-	-	-	
64	FS1	-	-	1.2297	0.5770	-	26.1989	-	-	-	
64		-	-	-	-	-	-	0.5770	-	109.1750	
64	BS1	1.3375	-	-	-	-	23.0271	-	-	-	
65	FS1	-	-	1.3529	-	0.0154	22.7472	-	-	-	
65		-	-	-	-	-	-	-0.0154	-	109.1596	
65	BS1	1.4336	-	-	-	-	14.5243	-	-	-	
GMP708	FS1	-	-	2.5522	-	1.1185	15.2180	-	-	-	
GMP708		-	-	-	-	-	-	-1.1185	-	108.0411	
GMP708	BS1	2.3938	-	-	-	-	21.3182	-	-	-	
66	FS1	-	-	1.1510	1.2428	-	22.2469	-	-	-	
66		-	-	-	-	-	-	1.2428	-	109.2839	
66	BS1	1.3663	-	-	-	-	23.9055	-	-	-	
67	FS1	-	-	1.2968	0.0695	-	24.4314	-	-	-	
67		-	-	-	-	-	-	0.0695	-	109.3534	
67	BS1	1.3404	-	-	-	-	18.4357	-	-	-	
GMP707	FS1	-	-	3.4447	-	2.1043	18.2351	-	-	-	
GMP707		-	-	-	-	-	-	-2.1043	-	107.2491	
GMP707	BS1	3.3842	-	-	-	-	19.3225	-	-	-	
68	FS1	-	-	1.1215	2.2627	-	20.5295	-	-	-	
68		-	-	-	-	-	-	2.2627	-	109.5118	
68	BS1	1.2832	-	-	-	-	23.6704	-	-	-	
69	FS1	-	-	1.2760	0.0072	-	23.9484	-	-	-	
69		-	-	-	-	-	-	0.0072	-	109.5190	
69	BS1	1.3239	-	-	-	-	14.9494	-	-	-	
70	FS1	-	-	1.2290	0.0949	-	14.4488	-	-	-	
70		-	-	-	-	-	-	0.0949	-	109.6140	
70	BS1	1.2759	-	-	-	-	12.6031	-	-	-	
GMP706	FS1	-	-	3.0745	-	1.7986	12.1290	-	-	-	
GMP706		-	-	-	-	-	-	-1.7986	-	107.8154	
GMP706	BS1	3.0935	-	-	-	-	21.9296	-	-	-	
71	FS1	-	-	0.9956	2.0979	-	21.7573	-	-	-	
71		-	-	-	-	-	-	2.0979	-	109.9133	
71	BS1	1.2815	-	-	-	-	23.2979	-	-	-	
72	FS1	-	-	1.4105	-	0.1290	24.2167	-	-	-	
72		-	-	-	-	-	-	-0.1290	-	109.7843	
72	BS1	1.3567	-	-	-	-	24.9214	-	-	-	

73	FS1	-	-	1.2939	0.0628	-	25.2857	-	-	-	
73		-	-	-	-	-	-	0.0628	-	109.8471	
73	BS1	1.4107	-	-	-	-	18.1478	-	-	-	
74	FS1	-	-	1.1613	0.2494	-	18.2130	-	-	-	
74		-	-	-	-	-	-	0.2494	-	110.0965	
74	BS1	1.2884	-	-	-	-	9.5810	-	-	-	
GMP705N	FS1	-	-	1.3405	-	0.0522	9.9373	-	-	-	
GMP705N		-	-	-	-	-	-	-0.0522	-	110.0488	

Leica Geosystems AG
Heinrich Wild Strasse
CH-9435 Heerbrugg
St. Gallen, Switzerland

Phone: + 41 71 727 3131
Fax: + 41 71 727 4674

- when it has to be right

Level Report

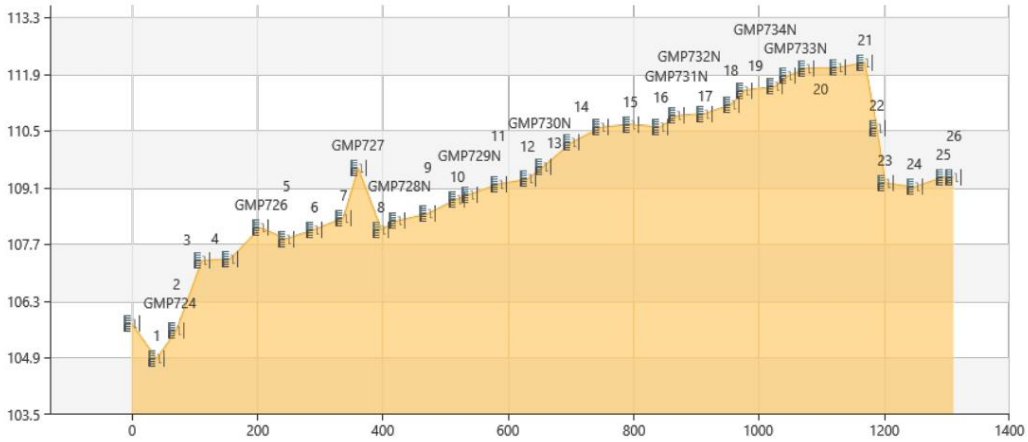
Report created: 03.04.2024 10:29:00

Project Details

General		Customer Details		Master Coordinate System	
Project Name:	6	Customer Name:	-	Coordinate System Name:	None
Owner:	-	Contact Person:	-	Transformation Type:	-
Lead Surveyor:	-	Number:	-	Residual Distribution:	-
Date Created:	03.04.2024 10:28:46	Email:	-	Ellipsoid:	-
Last Accessed:	03.04.2024 10:28:46	Skype:	-	Projection Type:	-
Application Software:	Infinity 4.0.0	Website:	-	Geoid Model:	-
				CSCS Model:	-

Path:	C:\Users\TOP-PC\Documents\Leica Geosystems\Infinity\Projects\6\6.iprj
Size:	0.2 MB
Comments:	-

Level Line Id: Line 002



General

Date/Time	2.4.2024. 16:33:22	Instrument Type:	
Staff One Id:	-	Method:	BF
Staff Two Id:	-	Stations:	35
Start Point:	GMP724	Observations:	70
End Point:	26		

Results

Height Difference:	3.6227 m	Height Error / Point:	0.0000 m
Length:	1310.6245 m	Total Distance Balance:	-5.6100 m
Misclosure:	0.0000 m	Total Station Difference:	-

Processing Parameters

Adjustment Method:	No Adjustment
Staff Corrections:	Not Applied

Points

Point Id	Date/Time	Height [m]	ΔHeight [m]	SD [m]
GMP724	2.4.2024. 16:33:23	105.7482	-	-
1	2.4.2024. 16:33:27	104.8767	-0.8715	0.0003
2	2.4.2024. 16:33:31	105.5880	0.7112	0.0004

3	2.4.2024. 16:33:35	107.3032	1.7152	0.0005
4	2.4.2024. 16:33:39	107.3483	0.0452	0.0006
GMP726	2.4.2024. 16:33:43	108.1192	0.7709	0.0006
5	2.4.2024. 16:33:47	107.8349	-0.2843	0.0007
6	2.4.2024. 16:33:51	108.0678	0.2329	0.0007
7	2.4.2024. 16:33:55	108.3566	0.2888	0.0008
GMP727	2.4.2024. 16:33:59	109.5804	1.2237	0.0008
8	2.4.2024. 16:34:03	108.0664	-1.5139	0.0009
GMP728N	2.4.2024. 16:34:07	108.2813	0.2149	0.0009
9	2.4.2024. 16:34:11	108.4558	0.1745	0.0010
10	2.4.2024. 16:34:15	108.8221	0.3663	0.0010
GMP729N	2.4.2024. 16:34:19	108.9312	0.1090	0.0011
11	2.4.2024. 16:34:23	109.1924	0.2612	0.0011
12	2.4.2024. 16:34:27	109.3152	0.1228	0.0011
GMP730N	2.4.2024. 16:34:31	109.6206	0.3054	0.0012
13	2.4.2024. 16:34:35	110.2165	0.5959	0.0012
14	2.4.2024. 16:34:39	110.5941	0.3776	0.0012
15	2.4.2024. 16:34:43	110.6638	0.0697	0.0013
16	2.4.2024. 16:34:47	110.5974	-0.0664	0.0013
GMP731N	2.4.2024. 16:34:51	110.8783	0.2809	0.0013
17	2.4.2024. 16:34:55	110.9299	0.0516	0.0014
18	2.4.2024. 16:34:59	111.1533	0.2234	0.0014
GMP732N	2.4.2024. 16:35:03	111.5063	0.3531	0.0014
19	2.4.2024. 16:35:07	111.5999	0.0935	0.0014
GMP733N	2.4.2024. 16:35:11	111.8590	0.2591	0.0015
GMP734N	2.4.2024. 16:35:15	112.0559	0.1970	0.0015
20	2.4.2024. 16:35:19	112.0654	0.0095	0.0015
21	2.4.2024. 16:35:23	112.1953	0.1298	0.0015
22	2.4.2024. 16:35:27	110.5656	-1.6297	0.0016
23	2.4.2024. 16:35:31	109.2152	-1.3503	0.0016
24	2.4.2024. 16:35:35	109.1231	-0.0922	0.0016
25	2.4.2024. 16:35:39	109.3709	0.2479	0.0016
26	2.4.2024. 16:35:43	109.3709	0.0000	0.0017

Line Tolerances

Allowable Misclosure E = a + b √ L:	0.0077 m
a:	0.0020 m
b:	0.0050 m/√km
L (Level Line Length):	1.3106 km
Height Error / Point:	0.0005 m
Total Distance Balance:	10.0000 m

Observation Tolerances

Double Observation Check:	0.0010 m
Station Difference:	0.0003 m
Max. Sight Distance:	40.0000 m
Min. Ground Clearance:	0.5000 m

Point Height Tolerances

Height Spread:	0.0200 m
Max. Difference From Fixed Height:	0.0100 m

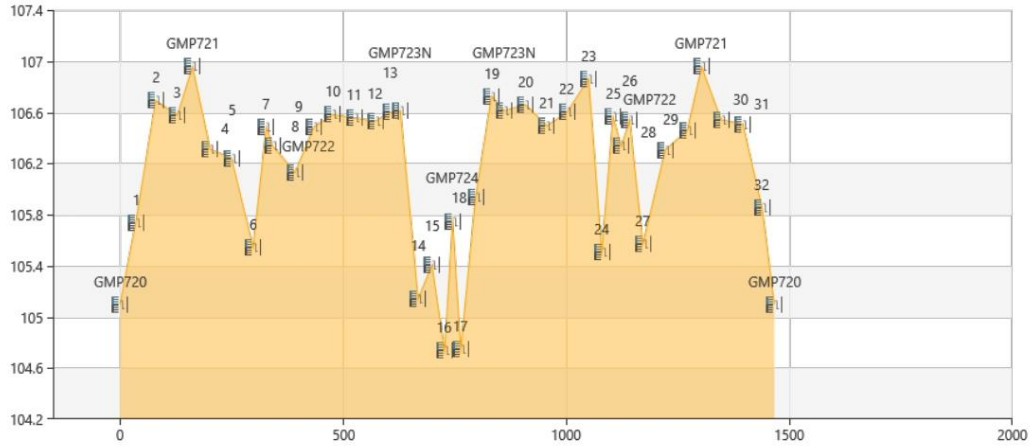
Booking Sheet

Point Id	Type	BS [m]	IS [m]	FS [m]	Rise [m]	Fall [m]	Hz Dist. [m]	ΔHeight [m]	ΔHeight Corr. [m]	Height [m]	Remark
GMP724		-	-	-	-	-	-	0.0000	0.0000	105.7482	
GMP724	BS1	0.6911	-	-	-	-	20.1844	-	-	-	
1	FS1	-	-	1.5626	-	0.8715	19.7600	-	-	-	
1		-	-	-	-	-	-	-0.8715	-	104.8767	
1	BS1	1.6036	-	-	-	-	16.4607	-	-	-	
2	FS1	-	-	0.8924	0.7112	-	15.2690	-	-	-	
2		-	-	-	-	-	-	0.7112	-	105.5880	
2	BS1	2.9048	-	-	-	-	19.7910	-	-	-	
3	FS1	-	-	1.1896	1.7152	-	20.5642	-	-	-	
3		-	-	-	-	-	-	1.7152	-	107.3032	
3	BS1	1.3013	-	-	-	-	22.3743	-	-	-	
4	FS1	-	-	1.2562	0.0452	-	23.1631	-	-	-	
4		-	-	-	-	-	-	0.0452	-	107.3483	
4	BS1	1.5163	-	-	-	-	24.0945	-	-	-	
GMP726	FS1	-	-	0.7454	0.7709	-	23.8335	-	-	-	
GMP726		-	-	-	-	-	-	0.7709	-	108.1192	
GMP726	BS1	0.9683	-	-	-	-	19.6300	-	-	-	
5	FS1	-	-	1.2526	-	0.2843	20.7579	-	-	-	
5		-	-	-	-	-	-	-0.2843	-	107.8349	
5	BS1	1.4774	-	-	-	-	22.6872	-	-	-	
6	FS1	-	-	1.2445	0.2329	-	22.8395	-	-	-	
6		-	-	-	-	-	-	0.2329	-	108.0678	
6	BS1	1.5352	-	-	-	-	23.4429	-	-	-	
7	FS1	-	-	1.2464	0.2888	-	23.0205	-	-	-	
7		-	-	-	-	-	-	0.2888	-	108.3566	
7	BS1	1.6236	-	-	-	-	11.2798	-	-	-	
GMP727	FS1	-	-	**0.3998**	1.2238	-	12.3609	-	-	-	
GMP727		-	-	-	-	-	-	1.2238	-	109.5804	

GMP727	BS1	0.5637	-	-	-	-	18.7241	-	-	-	
8	FS1	-	-	2.0777	-	1.5139	17.8788	-	-	-	
8		-	-	-	-	-	-	-1.5139	-	108.0664	
8	BS1	1.5127	-	-	-	-	12.8128	-	-	-	
GMP728N	FS1	-	-	1.2979	0.2149	-	12.1646	-	-	-	
GMP728N		-	-	-	-	-	-	0.2149	-	108.2813	
GMP728N	BS1	1.4952	-	-	-	-	23.8855	-	-	-	
9	FS1	-	-	1.3206	0.1745	-	24.7164	-	-	-	
9		-	-	-	-	-	-	0.1745	-	108.4558	
9	BS1	1.6615	-	-	-	-	23.4436	-	-	-	
10	FS1	-	-	1.2952	0.3663	-	23.6639	-	-	-	
10		-	-	-	-	-	-	0.3663	-	108.8221	
10	BS1	1.3997	-	-	-	-	10.2063	-	-	-	
GMP729N	FS1	-	-	1.2906	0.1091	-	9.8977	-	-	-	
GMP729N		-	-	-	-	-	-	0.1091	-	108.9312	
GMP729N	BS1	1.6045	-	-	-	-	22.8432	-	-	-	
11	FS1	-	-	1.3433	0.2612	-	23.0249	-	-	-	
11		-	-	-	-	-	-	0.2612	-	109.1924	
11	BS1	1.5729	-	-	-	-	22.7128	-	-	-	
12	FS1	-	-	1.4501	0.1228	-	23.8853	-	-	-	
12		-	-	-	-	-	-	0.1228	-	109.3152	
12	BS1	1.4840	-	-	-	-	12.4980	-	-	-	
GMP730N	FS1	-	-	1.1786	0.3054	-	12.2867	-	-	-	
GMP730N		-	-	-	-	-	-	0.3054	-	109.6206	
GMP730N	BS1	1.8772	-	-	-	-	22.8653	-	-	-	
13	FS1	-	-	1.2813	0.5959	-	22.5808	-	-	-	
13		-	-	-	-	-	-	0.5959	-	110.2165	
13	BS1	1.6571	-	-	-	-	23.4405	-	-	-	
14	FS1	-	-	1.2795	0.3776	-	23.5362	-	-	-	
14		-	-	-	-	-	-	0.3776	-	110.5941	
14	BS1	1.3709	-	-	-	-	23.2726	-	-	-	
15	FS1	-	-	1.3012	0.0697	-	23.7301	-	-	-	
15		-	-	-	-	-	-	0.0697	-	110.6638	
15	BS1	1.6886	-	-	-	-	23.3706	-	-	-	
16	FS1	-	-	1.7550	-	0.0664	24.4491	-	-	-	
16		-	-	-	-	-	-	-0.0664	-	110.5974	
16	BS1	1.2685	-	-	-	-	12.6703	-	-	-	
GMP731N	FS1	-	-	0.9876	0.2809	-	13.5980	-	-	-	
GMP731N		-	-	-	-	-	-	0.2809	-	110.8783	
GMP731N	BS1	1.2078	-	-	-	-	22.3409	-	-	-	
17	FS1	-	-	1.1562	0.0516	-	21.9561	-	-	-	
17		-	-	-	-	-	-	0.0516	-	110.9299	
17	BS1	1.6428	-	-	-	-	20.7352	-	-	-	
18	FS1	-	-	1.4195	0.2234	-	21.3597	-	-	-	
18		-	-	-	-	-	-	0.2234	-	111.1533	
18	BS1	1.6158	-	-	-	-	10.7136	-	-	-	
GMP732N	FS1	-	-	1.2628	0.3531	-	10.8852	-	-	-	
GMP732N		-	-	-	-	-	-	0.3531	-	111.5063	
GMP732N	BS1	1.3901	-	-	-	-	23.6152	-	-	-	
19	FS1	-	-	1.2966	0.0935	-	24.2918	-	-	-	
19		-	-	-	-	-	-	0.0935	-	111.5999	
19	BS1	1.3552	-	-	-	-	10.3923	-	-	-	
GMP733N	FS1	-	-	1.0961	0.2591	-	10.4559	-	-	-	
GMP733N		-	-	-	-	-	-	0.2591	-	111.8590	
GMP733N	BS1	1.2721	-	-	-	-	15.4205	-	-	-	
GMP734N	FS1	-	-	1.0752	0.1970	-	14.7152	-	-	-	
GMP734N		-	-	-	-	-	-	0.1970	-	112.0559	
GMP734N	BS1	1.2912	-	-	-	-	24.0174	-	-	-	
20	FS1	-	-	1.2817	0.0095	-	24.8476	-	-	-	
20		-	-	-	-	-	-	0.0095	-	112.0654	
20	BS1	1.4789	-	-	-	-	21.7869	-	-	-	
21	FS1	-	-	1.3491	0.1298	-	21.9182	-	-	-	
21		-	-	-	-	-	-	0.1298	-	112.1953	
21	BS1	0.8351	-	-	-	-	9.8518	-	-	-	
22	FS1	-	-	2.4648	-	1.6297	9.7995	-	-	-	
22		-	-	-	-	-	-	-1.6297	-	110.5656	
22	BS1	0.7267	-	-	-	-	5.9360	-	-	-	
23	FS1	-	-	2.0770	-	1.3503	7.2106	-	-	-	
23		-	-	-	-	-	-	-1.3503	-	109.2152	
23	BS1	1.0299	-	-	-	-	23.7010	-	-	-	
24	FS1	-	-	1.1221	-	0.0922	22.9953	-	-	-	
24		-	-	-	-	-	-	-0.0922	-	109.1231	
24	BS1	1.6006	-	-	-	-	23.5891	-	-	-	
25	FS1	-	-	1.3528	0.2479	-	22.9837	-	-	-	

25		-	-	-	-	-	-	0.2479	-	109.3709	
25	BS1	1.5439	-	-	-	-	7.7172	-	-	-	
26	FS1	-	-	1.5439	-	0.0000	7.7176	-	-	-	
26		-	-	-	-	-	-	0.0000	-	109.3709	

Level Line Id: Line 001



General

Date/Time	2.4.2024. 16:30:35	Instrument Type:	
Staff One Id:	-	Method:	BF
Staff Two Id:	-	Stations:	40
Start Point:	GMP720	Observations:	80
End Point:	GMP720		

Results

Height Difference:	-0.0005 m	Height Error / Point:	0.0000 m
Length:	1466.2437 m	Total Distance Balance:	-2.4550 m
Misclosure:	-0.0005 m	Total Station Difference:	-

Processing Parameters

Adjustment Method:	No Adjustment
Staff Corrections:	Not Applied

Points

Point Id	Date/Time	Height [m]	ΔHeight [m]	SD [m]
GMP720	2.4.2024. 16:30:36	105.1000	-	0.0018
1	2.4.2024. 16:30:40	105.7320	0.6320	0.0003
2	2.4.2024. 16:30:44	106.6920	0.9600	0.0004
3	2.4.2024. 16:30:48	106.5783	-0.1137	0.0005
GMP721	2.4.2024. 16:30:52	106.9576	0.3793	0.0006
4	2.4.2024. 16:30:56	106.3120	-0.6456	0.0006
5	2.4.2024. 16:31:00	106.2410	-0.0710	0.0007
6	2.4.2024. 16:31:04	105.5452	-0.6958	0.0007
7	2.4.2024. 16:31:08	106.4827	0.9375	0.0008
GMP722	2.4.2024. 16:31:12	106.3363	-0.1464	0.0008
8	2.4.2024. 16:31:16	106.1300	-0.2064	0.0009
9	2.4.2024. 16:31:20	106.4860	0.3560	0.0009
10	2.4.2024. 16:31:24	106.5827	0.0968	0.0010
11	2.4.2024. 16:31:28	106.5555	-0.0272	0.0010
12	2.4.2024. 16:31:32	106.5319	-0.0237	0.0011
13	2.4.2024. 16:31:36	106.6001	0.0682	0.0011
GMP723N	2.4.2024. 16:31:40	106.6140	0.0139	0.0011
14	2.4.2024. 16:31:44	105.1424	-1.4715	0.0012
15	2.4.2024. 16:31:48	105.4067	0.2642	0.0012
16	2.4.2024. 16:31:52	104.7379	-0.6688	0.0012
GMP724	2.4.2024. 16:31:56	105.7482	1.0104	0.0013
17	2.4.2024. 16:32:00	104.7498	-0.9985	0.0013
18	2.4.2024. 16:32:04	105.9354	1.1857	0.0013
19	2.4.2024. 16:32:08	106.7278	0.7924	0.0014
GMP723N	2.4.2024. 16:32:12	106.6135	-0.1143	0.0014
20	2.4.2024. 16:32:16	106.6598	0.0463	0.0014

21	2.4.2024. 16:32:20	106.4929	-0.1669	0.0014
22	2.4.2024. 16:32:24	106.6022	0.1093	0.0015
23	2.4.2024. 16:32:28	106.8650	0.2628	0.0015
24	2.4.2024. 16:32:32	105.5110	-1.3540	0.0015
25	2.4.2024. 16:32:36	106.5648	1.0538	0.0015
GMP722	2.4.2024. 16:32:40	106.3356	-0.2292	0.0016
26	2.4.2024. 16:32:44	106.5400	0.2044	0.0016
27	2.4.2024. 16:32:48	105.5709	-0.9691	0.0016
28	2.4.2024. 16:32:52	106.3069	0.7359	0.0016
29	2.4.2024. 16:32:56	106.4561	0.1492	0.0017
GMP721	2.4.2024. 16:33:00	106.9572	0.5011	0.0017
30	2.4.2024. 16:33:04	106.5410	-0.4161	0.0017
31	2.4.2024. 16:33:08	106.5085	-0.0326	0.0017
32	2.4.2024. 16:33:12	105.8514	-0.6570	0.0018
GMP720	2.4.2024. 16:30:36	105.1000	-0.7514	0.0018

Line Tolerances

Allowable Misclosure E = a + b √ L:	0.0081 m
a:	0.0020 m
b:	0.0050 m/√km
L (Level Line Length):	1.4662 km
Height Error / Point:	0.0005 m
Total Distance Balance:	10.0000 m

Observation Tolerances

Double Observation Check:	0.0010 m
Station Difference:	0.0003 m
Max. Sight Distance:	40.0000 m
Min. Ground Clearance:	0.5000 m

Point Height Tolerances

Height Spread:	0.0200 m
Max. Difference From Fixed Height:	0.0100 m

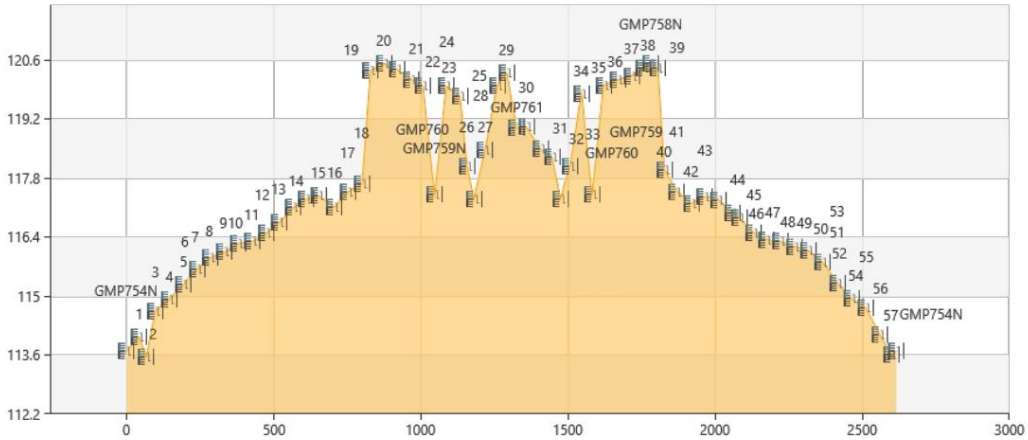
Booking Sheet

Point Id	Type	BS [m]	IS [m]	FS [m]	Rise [m]	Fall [m]	Hz Dist. [m]	ΔHeight [m]	ΔHeight Corr. [m]	Height [m]	Remark
GMP720		-	-	-	-	-	-	0.0000	0.0000	105.1000	
GMP720	BS1	2.1660	-	-	-	-	17.1750	-	-	-	
1	FS1	-	-	1.5340	0.6320	-	17.5595	-	-	-	
1		-	-	-	-	-	-	0.6320	-	105.7320	
1	BS1	2.1485	-	-	-	-	22.7064	-	-	-	
2	FS1	-	-	1.1885	0.9600	-	22.2850	-	-	-	
2		-	-	-	-	-	-	0.9600	-	106.6920	
2	BS1	1.3968	-	-	-	-	24.1042	-	-	-	
3	FS1	-	-	1.5105	-	0.1137	24.6940	-	-	-	
3		-	-	-	-	-	-	-0.1137	-	106.5783	
3	BS1	1.2786	-	-	-	-	16.8443	-	-	-	
GMP721	FS1	-	-	0.8994	0.3793	-	17.0063	-	-	-	
GMP721		-	-	-	-	-	-	0.3793	-	106.9576	
GMP721	BS1	0.8855	-	-	-	-	19.5092	-	-	-	
4	FS1	-	-	1.5311	-	0.6456	19.9694	-	-	-	
4		-	-	-	-	-	-	-0.6456	-	106.3120	
4	BS1	1.5207	-	-	-	-	23.8809	-	-	-	
5	FS1	-	-	1.5918	-	0.0710	24.2074	-	-	-	
5		-	-	-	-	-	-	-0.0710	-	106.2410	
5	BS1	0.6483	-	-	-	-	24.6214	-	-	-	
6	FS1	-	-	1.3441	-	0.6958	23.6372	-	-	-	
6		-	-	-	-	-	-	-0.6958	-	105.5452	
6	BS1	2.4744	-	-	-	-	14.7735	-	-	-	
7	FS1	-	-	1.5369	0.9375	-	14.6544	-	-	-	
7		-	-	-	-	-	-	0.9375	-	106.4827	
7	BS1	1.2111	-	-	-	-	7.0515	-	-	-	
GMP722	FS1	-	-	1.3574	-	0.1464	7.6751	-	-	-	
GMP722		-	-	-	-	-	-	-0.1464	-	106.3363	
GMP722	BS1	1.7108	-	-	-	-	25.1089	-	-	-	
8	FS1	-	-	1.9172	-	0.2064	24.8777	-	-	-	
8		-	-	-	-	-	-	-0.2064	-	106.1300	
8	BS1	0.9163	-	-	-	-	21.3991	-	-	-	
9	FS1	-	-	0.5603	0.3560	-	20.7745	-	-	-	
9		-	-	-	-	-	-	0.3560	-	106.4860	
9	BS1	1.5169	-	-	-	-	21.1486	-	-	-	
10	FS1	-	-	1.4201	0.0968	-	21.1667	-	-	-	
10		-	-	-	-	-	-	0.0968	-	106.5827	
10	BS1	1.3925	-	-	-	-	23.8339	-	-	-	
11	FS1	-	-	1.4197	-	0.0272	24.2139	-	-	-	
11		-	-	-	-	-	-	-0.0272	-	106.5555	
11	BS1	1.3761	-	-	-	-	23.4700	-	-	-	
12	FS1	-	-	1.3998	-	0.0237	24.0687	-	-	-	
12		-	-	-	-	-	-	-0.0237	-	106.5319	
12	BS1	1.4363	-	-	-	-	17.0427	-	-	-	
13	FS1	-	-	1.3681	0.0682	-	16.7120	-	-	-	
13		-	-	-	-	-	-	0.0682	-	106.6001	

13	BS1	1.3931	-	-	-	-	11.2277	-	-	-	
GMP723N	FS1	-	-	1.3792	0.0139	-	10.7646	-	-	-	
GMP723N		-	-	-	-	-	-	0.0139	-	106.6140	
GMP723N	BS1	0.7573	-	-	-	-	19.5953	-	-	-	
14	FS1	-	-	2.2288	-	1.4715	20.3413	-	-	-	
14		-	-	-	-	-	-	-1.4715	-	105.1424	
14	BS1	1.3465	-	-	-	-	15.7591	-	-	-	
15	FS1	-	-	1.0823	0.2642	-	15.2050	-	-	-	
15		-	-	-	-	-	-	0.2642	-	105.4067	
15	BS1	1.2851	-	-	-	-	14.1423	-	-	-	
16	FS1	-	-	1.9539	-	0.6688	14.0221	-	-	-	
16		-	-	-	-	-	-	-0.6688	-	104.7379	
16	BS1	1.4422	-	-	-	-	8.6127	-	-	-	
GMP724	FS1	-	-	**0.4319**	1.0104	-	9.4919	-	-	-	
GMP724		-	-	-	-	-	-	1.0104	-	105.7482	
GMP724	BS1	**0.4318**	-	-	-	-	9.4922	-	-	-	
17	FS1	-	-	1.4303	-	0.9985	8.8532	-	-	-	
17		-	-	-	-	-	-	-0.9985	-	104.7498	
17	BS1	2.1002	-	-	-	-	16.8305	-	-	-	
18	FS1	-	-	0.9145	1.1857	-	16.2076	-	-	-	
18		-	-	-	-	-	-	1.1857	-	105.9354	
18	BS1	2.2740	-	-	-	-	17.5703	-	-	-	
19	FS1	-	-	1.4816	0.7924	-	18.2093	-	-	-	
19		-	-	-	-	-	-	0.7924	-	106.7278	
19	BS1	1.4322	-	-	-	-	14.9069	-	-	-	
GMP723N	FS1	-	-	1.5465	-	0.1143	13.6182	-	-	-	
GMP723N		-	-	-	-	-	-	-0.1143	-	106.6135	
GMP723N	BS1	1.3593	-	-	-	-	23.8951	-	-	-	
20	FS1	-	-	1.3130	0.0463	-	24.0422	-	-	-	
20		-	-	-	-	-	-	0.0463	-	106.6598	
20	BS1	1.2543	-	-	-	-	23.4386	-	-	-	
21	FS1	-	-	1.4211	-	0.1669	23.7774	-	-	-	
21		-	-	-	-	-	-	-0.1669	-	106.4929	
21	BS1	1.4567	-	-	-	-	22.5214	-	-	-	
22	FS1	-	-	1.3474	0.1093	-	23.4524	-	-	-	
22		-	-	-	-	-	-	0.1093	-	106.6022	
22	BS1	1.3854	-	-	-	-	23.5174	-	-	-	
23	FS1	-	-	1.1226	0.2628	-	24.4499	-	-	-	
23		-	-	-	-	-	-	0.2628	-	106.8650	
23	BS1	0.5139	-	-	-	-	14.9720	-	-	-	
24	FS1	-	-	1.8678	-	1.3540	14.4242	-	-	-	
24		-	-	-	-	-	-	-1.3540	-	105.5110	
24	BS1	2.0478	-	-	-	-	12.8580	-	-	-	
25	FS1	-	-	0.9941	1.0538	-	12.2953	-	-	-	
25		-	-	-	-	-	-	1.0538	-	106.5648	
25	BS1	1.0503	-	-	-	-	8.9697	-	-	-	
GMP722	FS1	-	-	1.2795	-	0.2292	9.7816	-	-	-	
GMP722		-	-	-	-	-	-	-0.2292	-	106.3356	
GMP722	BS1	1.2795	-	-	-	-	9.7773	-	-	-	
26	FS1	-	-	1.0750	0.2045	-	8.8656	-	-	-	
26		-	-	-	-	-	-	0.2045	-	106.5400	
26	BS1	0.9559	-	-	-	-	14.3578	-	-	-	
27	FS1	-	-	1.9250	-	0.9691	15.4264	-	-	-	
27		-	-	-	-	-	-	-0.9691	-	105.5709	
27	BS1	1.1891	-	-	-	-	25.0854	-	-	-	
28	FS1	-	-	**0.4532**	0.7359	-	24.9650	-	-	-	
28		-	-	-	-	-	-	0.7359	-	106.3069	
28	BS1	1.3397	-	-	-	-	24.2706	-	-	-	
29	FS1	-	-	1.1905	0.1492	-	24.8868	-	-	-	
29		-	-	-	-	-	-	0.1492	-	106.4561	
29	BS1	1.9018	-	-	-	-	16.2116	-	-	-	
GMP721	FS1	-	-	1.4007	0.5011	-	16.1409	-	-	-	
GMP721		-	-	-	-	-	-	0.5011	-	106.9572	
GMP721	BS1	0.8292	-	-	-	-	21.9136	-	-	-	
30	FS1	-	-	1.2453	-	0.4161	21.8467	-	-	-	
30		-	-	-	-	-	-	-0.4161	-	106.5410	
30	BS1	1.3776	-	-	-	-	24.1071	-	-	-	
31	FS1	-	-	1.4101	-	0.0325	24.2457	-	-	-	
31		-	-	-	-	-	-	-0.0325	-	106.5085	
31	BS1	0.6627	-	-	-	-	21.5662	-	-	-	
32	FS1	-	-	1.3198	-	0.6570	21.8347	-	-	-	
32		-	-	-	-	-	-	-0.6570	-	105.8514	
32	BS1	1.3624	-	-	-	-	13.6259	-	-	-	
GMP720	FS1	-	-	2.1143	-	0.7519	13.6997	-	-	-	

GMP720		-	-	-	-	-	-	-0.7519	-	105.1000	

Level Line Id: Line 005



General

Date/Time	2.4.2024. 16:48:27	Instrument Type:	
Staff One Id:	-	Method:	BF
Staff Two Id:	-	Stations:	64
Start Point:	GMP754N	Observations:	128
End Point:	GMP754N		

Results

Height Difference:	0.0003 m	Height Error / Point:	0.0000 m
Length:	2615.2378 m	Total Distance Balance:	-6.1854 m
Misclosure:	0.0003 m	Total Station Difference:	-

Processing Parameters

Adjustment Method:	No Adjustment
Staff Corrections:	Not Applied

Points

Point Id	Date/Time	Height [m]	ΔHeight [m]	SD [m]
GMP754N	2.4.2024. 16:48:28	113.6947	-	0.0023
1	2.4.2024. 16:48:32	114.0270	0.3323	0.0003
2	2.4.2024. 16:48:36	113.5593	-0.4677	0.0004
3	2.4.2024. 16:48:40	114.6508	1.0915	0.0005
4	2.4.2024. 16:48:44	114.9177	0.2669	0.0006
5	2.4.2024. 16:48:48	115.2635	0.3458	0.0006
6	2.4.2024. 16:48:52	115.6385	0.3750	0.0007
7	2.4.2024. 16:48:56	115.9052	0.2666	0.0007
8	2.4.2024. 16:49:00	116.0430	0.1378	0.0008
9	2.4.2024. 16:49:04	116.2451	0.2021	0.0008
10	2.4.2024. 16:49:08	116.2987	0.0536	0.0009
11	2.4.2024. 16:49:12	116.4915	0.1929	0.0009
12	2.4.2024. 16:49:16	116.7536	0.2621	0.0010
13	2.4.2024. 16:49:20	117.1017	0.3481	0.0010
14	2.4.2024. 16:49:24	117.2901	0.1884	0.0011
15	2.4.2024. 16:49:28	117.3781	0.0880	0.0011
16	2.4.2024. 16:49:32	117.1053	-0.2729	0.0011
17	2.4.2024. 16:49:36	117.4704	0.3652	0.0012
18	2.4.2024. 16:49:40	117.6603	0.1899	0.0012
19	2.4.2024. 16:49:44	120.3377	2.6774	0.0012
20	2.4.2024. 16:49:48	120.5056	0.1680	0.0013
21	2.4.2024. 16:49:52	120.3650	-0.1406	0.0013
22	2.4.2024. 16:49:56	120.1401	-0.2249	0.0013
23	2.4.2024. 16:50:00	119.9865	-0.1536	0.0014
GMP759N	2.4.2024. 16:50:04	117.4054	-2.5811	0.0014
24	2.4.2024. 16:50:08	119.9762	2.5708	0.0014
25	2.4.2024. 16:50:12	119.7377	-0.2386	0.0014
26	2.4.2024. 16:50:16	118.0672	-1.6704	0.0015
GMP760	2.4.2024. 16:50:20	117.2989	-0.7683	0.0015

27	2.4.2024. 16:50:24	118.4622	1.1634	0.0015
28	2.4.2024. 16:50:28	119.9852	1.5229	0.0015
29	2.4.2024. 16:50:32	120.2933	0.3081	0.0016
GMP761	2.4.2024. 16:50:36	118.9900	-1.3033	0.0016
30	2.4.2024. 16:50:40	119.0046	0.0147	0.0016
31	2.4.2024. 16:50:44	118.4790	-0.5256	0.0016
32	2.4.2024. 16:50:48	118.2898	-0.1892	0.0017
GMP760	2.4.2024. 16:50:52	117.2991	-0.9907	0.0017
33	2.4.2024. 16:50:56	118.0889	0.7898	0.0017
34	2.4.2024. 16:51:00	119.8046	1.7158	0.0017
GMP759	2.4.2024. 16:51:04	117.4054	-2.3993	0.0018
35	2.4.2024. 16:51:08	119.9937	2.5883	0.0018
36	2.4.2024. 16:51:12	120.1216	0.1279	0.0018
37	2.4.2024. 16:51:16	120.2218	0.1002	0.0018
38	2.4.2024. 16:51:20	120.4099	0.1881	0.0019
GMP758N	2.4.2024. 16:51:24	120.5052	0.0954	0.0019
39	2.4.2024. 16:51:28	120.3984	-0.1068	0.0019
40	2.4.2024. 16:51:32	118.0013	-2.3971	0.0019
41	2.4.2024. 16:51:36	117.4786	-0.5227	0.0019
42	2.4.2024. 16:51:40	117.1959	-0.2827	0.0020
43	2.4.2024. 16:51:44	117.3601	0.1643	0.0020
44	2.4.2024. 16:51:48	117.2784	-0.0817	0.0020
45	2.4.2024. 16:51:52	116.9770	-0.3014	0.0020
46	2.4.2024. 16:51:56	116.8464	-0.1306	0.0020
47	2.4.2024. 16:52:00	116.5066	-0.3399	0.0021
48	2.4.2024. 16:52:04	116.3397	-0.1669	0.0021
49	2.4.2024. 16:52:08	116.2955	-0.0443	0.0021
50	2.4.2024. 16:52:12	116.1769	-0.1185	0.0021
51	2.4.2024. 16:52:16	116.0795	-0.0975	0.0021
52	2.4.2024. 16:52:20	115.8041	-0.2753	0.0022
53	2.4.2024. 16:52:24	115.3024	-0.5017	0.0022
54	2.4.2024. 16:52:28	114.9365	-0.3659	0.0022
55	2.4.2024. 16:52:32	114.7190	-0.2175	0.0022
56	2.4.2024. 16:52:36	114.0757	-0.6433	0.0022
57	2.4.2024. 16:52:40	113.6041	-0.4715	0.0022
GMP754N	2.4.2024. 16:48:28	113.6947	0.0906	0.0023

Line Tolerances

Allowable Misclosure E = a + b √ L:	0.0101 m
a:	0.0020 m
b:	0.0050 m/√km
L (Level Line Length):	2.6152 km
Height Error / Point:	0.0005 m
Total Distance Balance:	10.0000 m

Observation Tolerances

Double Observation Check:	0.0010 m
Station Difference:	0.0003 m
Max. Sight Distance:	40.0000 m
Min. Ground Clearance:	0.5000 m

Point Height Tolerances

Height Spread:	0.0200 m
Max. Difference From Fixed Height:	0.0100 m

Booking Sheet

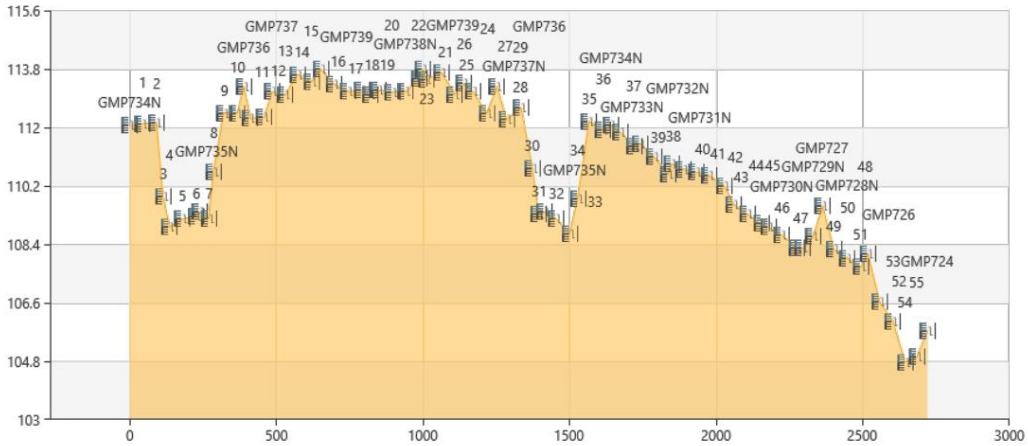
Point Id	Type	BS [m]	IS [m]	FS [m]	Rise [m]	Fall [m]	Hz Dist. [m]	ΔHeight [m]	ΔHeight Corr. [m]	Height [m]	Remark
GMP754N		-	-	-	-	-	-	0.0000	0.0000	113.6947	
GMP754N	BS1	1.4140	-	-	-	-	21.3420	-	-	-	
1	FS1	-	-	1.0817	0.3323	-	20.3726	-	-	-	
1		-	-	-	-	-	-	0.3323	-	114.0270	
1	BS1	1.9240	-	-	-	-	12.1350	-	-	-	
2	FS1	-	-	2.3917	-	0.4677	13.0981	-	-	-	
2		-	-	-	-	-	-	-0.4677	-	113.5593	
2	BS1	2.6914	-	-	-	-	15.2448	-	-	-	
3	FS1	-	-	1.5999	1.0915	-	15.5199	-	-	-	
3		-	-	-	-	-	-	1.0915	-	114.6508	
3	BS1	1.5428	-	-	-	-	22.9317	-	-	-	
4	FS1	-	-	1.2759	0.2669	-	22.5982	-	-	-	
4		-	-	-	-	-	-	0.2669	-	114.9177	
4	BS1	1.7408	-	-	-	-	24.1851	-	-	-	
5	FS1	-	-	1.3951	0.3458	-	24.0726	-	-	-	
5		-	-	-	-	-	-	0.3458	-	115.2635	
5	BS1	1.6988	-	-	-	-	23.6597	-	-	-	
6	FS1	-	-	1.3238	0.3750	-	24.5536	-	-	-	
6		-	-	-	-	-	-	0.3750	-	115.6385	
6	BS1	1.7091	-	-	-	-	21.5489	-	-	-	
7	FS1	-	-	1.4425	0.2666	-	22.3426	-	-	-	
7		-	-	-	-	-	-	0.2666	-	115.9052	
7	BS1	1.6316	-	-	-	-	24.4616	-	-	-	
8	FS1	-	-	1.4938	0.1378	-	25.0597	-	-	-	
8		-	-	-	-	-	-	0.1378	-	116.0430	

8	BS1	1.6425	-	-	-	-	23.4576	-	-	-	
9	FS1	-	-	1.4404	0.2021	-	23.8556	-	-	-	
9		-	-	-	-	-	-	0.2021	-	116.2451	
9	BS1	1.5878	-	-	-	-	23.4083	-	-	-	
10	FS1	-	-	1.5342	0.0536	-	24.7882	-	-	-	
10		-	-	-	-	-	-	0.0536	-	116.2987	
10	BS1	1.5327	-	-	-	-	23.1035	-	-	-	
11	FS1	-	-	1.3398	0.1929	-	22.9185	-	-	-	
11		-	-	-	-	-	-	0.1929	-	116.4915	
11	BS1	1.7018	-	-	-	-	22.8868	-	-	-	
12	FS1	-	-	1.4397	0.2621	-	22.5091	-	-	-	
12		-	-	-	-	-	-	0.2621	-	116.7536	
12	BS1	1.7475	-	-	-	-	23.4480	-	-	-	
13	FS1	-	-	1.3995	0.3481	-	23.7548	-	-	-	
13		-	-	-	-	-	-	0.3481	-	117.1017	
13	BS1	1.7290	-	-	-	-	19.6814	-	-	-	
14	FS1	-	-	1.5405	0.1884	-	20.7418	-	-	-	
14		-	-	-	-	-	-	0.1884	-	117.2901	
14	BS1	1.5871	-	-	-	-	22.9559	-	-	-	
15	FS1	-	-	1.4992	0.0880	-	21.9990	-	-	-	
15		-	-	-	-	-	-	0.0880	-	117.3781	
15	BS1	1.0599	-	-	-	-	26.9147	-	-	-	
16	FS1	-	-	1.3328	-	0.2729	26.5737	-	-	-	
16		-	-	-	-	-	-	-0.2729	-	117.1053	
16	BS1	2.0669	-	-	-	-	22.9651	-	-	-	
17	FS1	-	-	1.7017	0.3652	-	22.7436	-	-	-	
17		-	-	-	-	-	-	0.3652	-	117.4704	
17	BS1	1.4331	-	-	-	-	23.7064	-	-	-	
18	FS1	-	-	1.2432	0.1899	-	24.0828	-	-	-	
18		-	-	-	-	-	-	0.1899	-	117.6603	
18	BS1	3.7749	-	-	-	-	14.5310	-	-	-	
19	FS1	-	-	1.0976	2.6774	-	14.7836	-	-	-	
19		-	-	-	-	-	-	2.6774	-	120.3377	
19	BS1	1.6502	-	-	-	-	22.9608	-	-	-	
20	FS1	-	-	1.4823	0.1680	-	22.4582	-	-	-	
20		-	-	-	-	-	-	0.1680	-	120.5056	
20	BS1	1.4823	-	-	-	-	22.4582	-	-	-	
21	FS1	-	-	1.6229	-	0.1406	22.9354	-	-	-	
21		-	-	-	-	-	-	-0.1406	-	120.3650	
21	BS1	1.2785	-	-	-	-	23.5613	-	-	-	
22	FS1	-	-	1.5034	-	0.2249	22.8963	-	-	-	
22		-	-	-	-	-	-	-0.2249	-	120.1401	
22	BS1	1.4323	-	-	-	-	19.5708	-	-	-	
23	FS1	-	-	1.5859	-	0.1536	20.3533	-	-	-	
23		-	-	-	-	-	-	-0.1536	-	119.9865	
23	BS1	1.1131	-	-	-	-	20.2467	-	-	-	
GMP759N	FS1	-	-	3.6942	-	2.5811	20.1066	-	-	-	
GMP759N		-	-	-	-	-	-	-2.5811	-	117.4054	
GMP759N	BS1	3.6942	-	-	-	-	20.1051	-	-	-	
24	FS1	-	-	1.1234	2.5708	-	19.8998	-	-	-	
24		-	-	-	-	-	-	2.5708	-	119.9762	
24	BS1	1.3992	-	-	-	-	22.6976	-	-	-	
25	FS1	-	-	1.6378	-	0.2386	23.1204	-	-	-	
25		-	-	-	-	-	-	-0.2386	-	119.7377	
25	BS1	1.3958	-	-	-	-	12.8147	-	-	-	
26	FS1	-	-	3.0662	-	1.6704	12.0177	-	-	-	
26		-	-	-	-	-	-	-1.6704	-	118.0672	
26	BS1	1.4945	-	-	-	-	11.3237	-	-	-	
GMP760	FS1	-	-	2.2629	-	0.7684	11.5327	-	-	-	
GMP760		-	-	-	-	-	-	-0.7684	-	117.2989	
GMP760	BS1	2.4664	-	-	-	-	18.5294	-	-	-	
27	FS1	-	-	1.3030	1.1634	-	19.3806	-	-	-	
27		-	-	-	-	-	-	1.1634	-	118.4622	
27	BS1	2.8571	-	-	-	-	20.2690	-	-	-	
28	FS1	-	-	1.3342	1.5229	-	21.0865	-	-	-	
28		-	-	-	-	-	-	1.5229	-	119.9852	
28	BS1	1.6756	-	-	-	-	15.5392	-	-	-	
29	FS1	-	-	1.3675	0.3081	-	16.4457	-	-	-	
29		-	-	-	-	-	-	0.3081	-	120.2933	
29	BS1	1.3406	-	-	-	-	16.2673	-	-	-	
GMP761	FS1	-	-	2.6440	-	1.3033	17.0609	-	-	-	
GMP761		-	-	-	-	-	-	-1.3033	-	118.9900	
GMP761	BS1	2.6440	-	-	-	-	17.0586	-	-	-	
30	FS1	-	-	2.6293	0.0147	-	16.5652	-	-	-	

30		-	-	-	-	-	-	0.0147	-	119.0046	
30	BS1	1.2062	-	-	-	-	23.9963	-	-	-	
31	FS1	-	-	1.7318	-	0.5257	23.9267	-	-	-	
31		-	-	-	-	-	-	-0.5257	-	118.4790	
31	BS1	1.5089	-	-	-	-	19.6438	-	-	-	
32	FS1	-	-	1.6981	-	0.1892	20.3509	-	-	-	
32		-	-	-	-	-	-	-0.1892	-	118.2898	
32	BS1	1.3662	-	-	-	-	13.6685	-	-	-	
GMP760	FS1	-	-	2.3569	-	0.9907	13.6459	-	-	-	
GMP760		-	-	-	-	-	-	-0.9907	-	117.2991	
GMP760	BS1	2.3175	-	-	-	-	17.1155	-	-	-	
33	FS1	-	-	1.5278	0.7898	-	16.0557	-	-	-	
33		-	-	-	-	-	-	0.7898	-	118.0889	
33	BS1	3.1011	-	-	-	-	18.9988	-	-	-	
34	FS1	-	-	1.3853	1.7158	-	19.7834	-	-	-	
34		-	-	-	-	-	-	1.7158	-	119.8046	
34	BS1	1.1969	-	-	-	-	17.1400	-	-	-	
GMP759	FS1	-	-	3.5961	-	2.3993	18.8873	-	-	-	
GMP759		-	-	-	-	-	-	-2.3993	-	117.4054	
GMP759	BS1	3.5961	-	-	-	-	18.8830	-	-	-	
35	FS1	-	-	1.0078	2.5883	-	20.0303	-	-	-	
35		-	-	-	-	-	-	2.5883	-	119.9937	
35	BS1	1.4258	-	-	-	-	23.8375	-	-	-	
36	FS1	-	-	1.2979	0.1279	-	23.7486	-	-	-	
36		-	-	-	-	-	-	0.1279	-	120.1216	
36	BS1	1.5778	-	-	-	-	24.4387	-	-	-	
37	FS1	-	-	1.4775	0.1002	-	24.4570	-	-	-	
37		-	-	-	-	-	-	0.1002	-	120.2218	
37	BS1	1.5839	-	-	-	-	19.6344	-	-	-	
38	FS1	-	-	1.3958	0.1881	-	19.6425	-	-	-	
38		-	-	-	-	-	-	0.1881	-	120.4099	
38	BS1	1.6443	-	-	-	-	11.8877	-	-	-	
GMP758N	FS1	-	-	1.5489	0.0954	-	11.0694	-	-	-	
GMP758N		-	-	-	-	-	-	0.0954	-	120.5052	
GMP758N	BS1	1.5726	-	-	-	-	12.7528	-	-	-	
39	FS1	-	-	1.6795	-	0.1069	12.9332	-	-	-	
39		-	-	-	-	-	-	-0.1069	-	120.3984	
39	BS1	1.2093	-	-	-	-	11.6539	-	-	-	
40	FS1	-	-	3.6064	-	2.3971	11.0798	-	-	-	
40		-	-	-	-	-	-	-2.3971	-	118.0013	
40	BS1	0.8913	-	-	-	-	21.6274	-	-	-	
41	FS1	-	-	1.4140	-	0.5227	21.0522	-	-	-	
41		-	-	-	-	-	-	-0.5227	-	117.4786	
41	BS1	1.2563	-	-	-	-	23.6037	-	-	-	
42	FS1	-	-	1.5390	-	0.2827	24.2903	-	-	-	
42		-	-	-	-	-	-	-0.2827	-	117.1959	
42	BS1	1.6489	-	-	-	-	23.8624	-	-	-	
43	FS1	-	-	1.4847	0.1643	-	23.2381	-	-	-	
43		-	-	-	-	-	-	0.1643	-	117.3601	
43	BS1	1.4006	-	-	-	-	23.9599	-	-	-	
44	FS1	-	-	1.4824	-	0.0817	23.0099	-	-	-	
44		-	-	-	-	-	-	-0.0817	-	117.2784	
44	BS1	1.4486	-	-	-	-	22.8189	-	-	-	
45	FS1	-	-	1.7500	-	0.3014	23.3273	-	-	-	
45		-	-	-	-	-	-	-0.3014	-	116.9770	
45	BS1	1.5024	-	-	-	-	11.9287	-	-	-	
46	FS1	-	-	1.6330	-	0.1306	12.2522	-	-	-	
46		-	-	-	-	-	-	-0.1306	-	116.8464	
46	BS1	1.3069	-	-	-	-	23.7249	-	-	-	
47	FS1	-	-	1.6468	-	0.3399	24.2017	-	-	-	
47		-	-	-	-	-	-	-0.3399	-	116.5066	
47	BS1	1.3696	-	-	-	-	22.2888	-	-	-	
48	FS1	-	-	1.5364	-	0.1669	22.0488	-	-	-	
48		-	-	-	-	-	-	-0.1669	-	116.3397	
48	BS1	1.5047	-	-	-	-	22.6482	-	-	-	
49	FS1	-	-	1.5489	-	0.0443	23.3558	-	-	-	
49		-	-	-	-	-	-	-0.0443	-	116.2955	
49	BS1	1.4203	-	-	-	-	23.5762	-	-	-	
50	FS1	-	-	1.5389	-	0.1186	23.8809	-	-	-	
50		-	-	-	-	-	-	-0.1186	-	116.1769	
50	BS1	1.4565	-	-	-	-	24.9457	-	-	-	
51	FS1	-	-	1.5539	-	0.0975	24.0796	-	-	-	
51		-	-	-	-	-	-	-0.0975	-	116.0795	

51	BS1	1.2566	-	-	-	-	24.3442	-	-	-	
52	FS1	-	-	1.5320	-	0.2753	24.1340	-	-	-	
52		-	-	-	-	-	-	-0.2753	-	115.8041	
52	BS1	1.2822	-	-	-	-	25.2777	-	-	-	
53	FS1	-	-	1.7839	-	0.5017	24.7077	-	-	-	
53		-	-	-	-	-	-	-0.5017	-	115.3024	
53	BS1	1.3331	-	-	-	-	23.7921	-	-	-	
54	FS1	-	-	1.6990	-	0.3659	23.1948	-	-	-	
54		-	-	-	-	-	-	-0.3659	-	114.9365	
54	BS1	1.3755	-	-	-	-	24.4625	-	-	-	
55	FS1	-	-	1.5930	-	0.2175	24.7726	-	-	-	
55		-	-	-	-	-	-	-0.2175	-	114.7190	
55	BS1	1.3456	-	-	-	-	24.2812	-	-	-	
56	FS1	-	-	1.9890	-	0.6433	23.4854	-	-	-	
56		-	-	-	-	-	-	-0.6433	-	114.0757	
56	BS1	1.9406	-	-	-	-	18.7764	-	-	-	
57	FS1	-	-	2.4122	-	0.4715	19.1635	-	-	-	
57		-	-	-	-	-	-	-0.4715	-	113.6041	
57	BS1	1.3713	-	-	-	-	8.9872	-	-	-	
GMP754N	FS1	-	-	1.2804	0.0909	-	8.6789	-	-	-	
GMP754N		-	-	-	-	-	-	0.0909	-	113.6947	

Level Line Id: Line 003



General

Date/Time	2.4.2024. 16:35:45	Instrument Type:	
Staff One Id:	-	Method:	BF
Staff Two Id:	-	Stations:	74
Start Point:	GMP734N	Observations:	148
End Point:	GMP724		

Results

Height Difference:	-6.3066 m	Height Error / Point:	0.0000 m
Length:	2720.7180 m	Total Distance Balance:	**-14.8976 m**
Misclosure:	0.0005 m	Total Station Difference:	-

Processing Parameters

Adjustment Method:	No Adjustment
Staff Corrections:	Not Applied

Points

Point Id	Date/Time	Height [m]	ΔHeight [m]	SD [m]
GMP734N	2.4.2024. 16:35:46	112.0560	-	0.0019
1	2.4.2024. 16:35:50	112.1103	0.0543	0.0003
2	2.4.2024. 16:35:54	112.1500	0.0398	0.0004
3	2.4.2024. 16:35:58	109.8707	-2.2793	0.0005
4	2.4.2024. 16:36:02	108.9349	-0.9358	0.0006
5	2.4.2024. 16:36:06	109.1784	0.2435	0.0006
6	2.4.2024. 16:36:10	109.2792	0.1008	0.0007
GMP735N	2.4.2024. 16:36:14	109.3941	0.1149	0.0007
7	2.4.2024. 16:36:18	109.2007	-0.1933	0.0008
8	2.4.2024. 16:36:22	110.6283	1.4275	0.0008

9	2.4.2024. 16:36:26	112.4498	1.8216	0.0009
10	2.4.2024. 16:36:30	112.4451	-0.0047	0.0009
GMP736	2.4.2024. 16:36:34	113.2499	0.8048	0.0010
11	2.4.2024. 16:36:38	112.2858	-0.9641	0.0010
12	2.4.2024. 16:36:42	112.3091	0.0233	0.0011
GMP737	2.4.2024. 16:36:46	113.1034	0.7944	0.0011
13	2.4.2024. 16:36:50	112.9943	-0.1092	0.0011
14	2.4.2024. 16:36:54	113.6380	0.6437	0.0012
15	2.4.2024. 16:36:58	113.4030	-0.2349	0.0012
GMP739	2.4.2024. 16:37:02	113.7937	0.3907	0.0012
16	2.4.2024. 16:37:06	113.3326	-0.4612	0.0013
17	2.4.2024. 16:37:10	113.1097	-0.2228	0.0013
18	2.4.2024. 16:37:14	113.1507	0.0410	0.0013
GMP738N	2.4.2024. 16:37:18	112.9978	-0.1529	0.0014
19	2.4.2024. 16:37:22	113.1411	0.1432	0.0014
20	2.4.2024. 16:37:26	113.0841	-0.0570	0.0014
21	2.4.2024. 16:37:30	113.0989	0.0148	0.0014
22	2.4.2024. 16:37:34	113.5087	0.4098	0.0015
GMP739	2.4.2024. 16:37:38	113.7948	0.2861	0.0015
23	2.4.2024. 16:37:42	113.4689	-0.3259	0.0015
24	2.4.2024. 16:37:46	113.6949	0.2260	0.0015
25	2.4.2024. 16:37:50	113.0209	-0.6740	0.0016
26	2.4.2024. 16:37:54	113.3569	0.3360	0.0016
GMP737N	2.4.2024. 16:37:58	113.1037	-0.2532	0.0016
27	2.4.2024. 16:38:02	112.4304	-0.6734	0.0016
GMP736	2.4.2024. 16:38:06	113.2500	0.8196	0.0017
28	2.4.2024. 16:38:10	112.2390	-1.0110	0.0017
29	2.4.2024. 16:38:14	112.6117	0.3726	0.0017
30	2.4.2024. 16:38:18	110.7508	-1.8609	0.0017
31	2.4.2024. 16:38:22	109.3521	-1.3987	0.0018
GMP735N	2.4.2024. 16:38:26	109.3937	0.0416	0.0018
32	2.4.2024. 16:38:30	109.1871	-0.2066	0.0018
33	2.4.2024. 16:38:34	108.7403	-0.4468	0.0018
34	2.4.2024. 16:38:38	109.8157	1.0754	0.0019
35	2.4.2024. 16:38:42	112.1912	2.3755	0.0019
36	2.4.2024. 16:38:46	111.9157	-0.2755	0.0019
GMP733N	2.4.2024. 16:38:54	111.8591	-0.1968	0.0019
37	2.4.2024. 16:38:58	111.4181	-0.4410	0.0020
GMP732N	2.4.2024. 16:39:02	111.5064	0.0883	0.0020
38	2.4.2024. 16:39:06	111.0860	-0.4204	0.0020
39	2.4.2024. 16:39:10	110.5521	-0.5339	0.0020
GMP731N	2.4.2024. 16:39:14	110.8783	0.3261	0.0020
40	2.4.2024. 16:39:18	110.7220	-0.1563	0.0021
41	2.4.2024. 16:39:22	110.6276	-0.0943	0.0021
42	2.4.2024. 16:39:26	110.5176	-0.1100	0.0021
43	2.4.2024. 16:39:30	110.2144	-0.3032	0.0021
GMP730N	2.4.2024. 16:39:34	109.6201	-0.5943	0.0021
44	2.4.2024. 16:39:38	109.3196	-0.3005	0.0022
45	2.4.2024. 16:39:42	109.0302	-0.2893	0.0022
GMP729N	2.4.2024. 16:39:46	108.9312	-0.0990	0.0022
46	2.4.2024. 16:39:50	108.6789	-0.2523	0.0022
47	2.4.2024. 16:39:54	108.3033	-0.3756	0.0022
GMP728N	2.4.2024. 16:39:58	108.2811	-0.0222	0.0022
48	2.4.2024. 16:40:02	108.6624	0.3812	0.0023
GMP727	2.4.2024. 16:40:06	109.5800	0.9176	0.0023
49	2.4.2024. 16:40:10	108.2478	-1.3322	0.0023
50	2.4.2024. 16:40:14	107.9733	-0.2745	0.0023
51	2.4.2024. 16:40:18	107.7016	-0.2717	0.0023
GMP726	2.4.2024. 16:40:22	108.1192	0.4176	0.0023
52	2.4.2024. 16:40:26	106.6287	-1.4906	0.0024
53	2.4.2024. 16:40:30	106.0346	-0.5940	0.0024
54	2.4.2024. 16:40:34	104.7778	-1.2568	0.0024
55	2.4.2024. 16:40:38	104.9313	0.1535	0.0024
GMP724	2.4.2024. 16:40:42	105.7488	0.8175	0.0024

Line Tolerances

Allowable Misclosure E = a + b √ L:	0.0102 m
a:	0.0020 m
b:	0.0050 m /√km
L (Level Line Length):	2.7207 km
Height Error / Point:	0.0005 m
Total Distance Balance:	10.0000 m

Observation Tolerances

Double Observation Check:	0.0010 m
Station Difference:	0.0003 m
Max. Sight Distance:	40.0000 m
Min. Ground Clearance:	0.5000 m

Point Height Tolerances

Height Spread:	0.0200 m
Max. Difference From Fixed Height:	0.0100 m

Booking Sheet

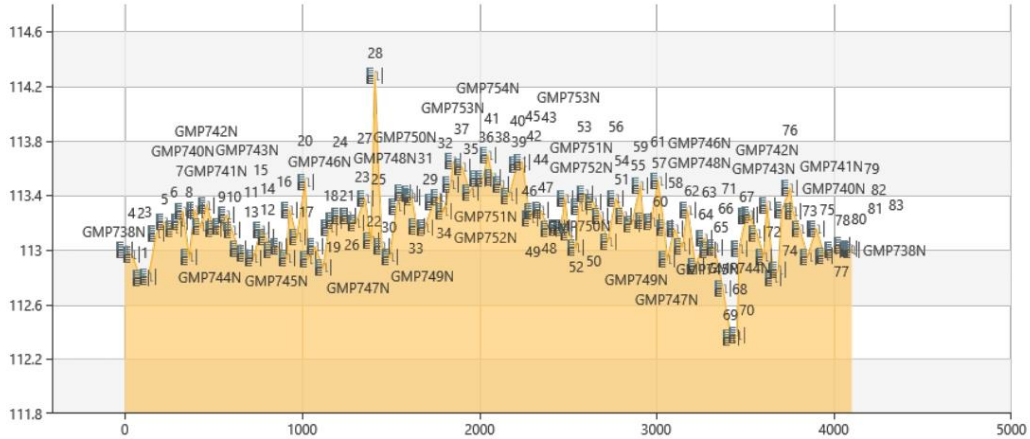
Point Id	Type	BS [m]	IS [m]	FS [m]	Rise [m]	Fall [m]	Hz Dist. [m]	ΔHeight [m]	ΔHeight Corr. [m]	Height [m]	Remark
GMP734N		-	-	-	-	-	-	0.0000	0.0000	112.0560	
GMP734N	BS1	1.2520	-	-	-	-	21.8388	-	-	-	
1	FS1	-	-	1.1977	0.0543	-	22.3663	-	-	-	
1		-	-	-	-	-	-	0.0543	-	112.1103	
1	BS1	1.4835	-	-	-	-	24.3563	-	-	-	
2	FS1	-	-	1.4438	0.0398	-	23.9701	-	-	-	
2		-	-	-	-	-	-	0.0398	-	112.1500	
2	BS1	0.7415	-	-	-	-	10.6386	-	-	-	
3	FS1	-	-	3.0207	-	2.2793	11.5423	-	-	-	
3		-	-	-	-	-	-	-2.2793	-	109.8707	
3	BS1	0.7096	-	-	-	-	11.1638	-	-	-	
4	FS1	-	-	1.6454	-	0.9358	11.4311	-	-	-	
4		-	-	-	-	-	-	-0.9358	-	108.9349	
4	BS1	1.3405	-	-	-	-	21.0332	-	-	-	
5	FS1	-	-	1.0970	0.2435	-	21.1229	-	-	-	
5		-	-	-	-	-	-	0.2435	-	109.1784	
5	BS1	1.3907	-	-	-	-	23.6983	-	-	-	
6	FS1	-	-	1.2899	0.1008	-	23.1195	-	-	-	
6		-	-	-	-	-	-	0.1008	-	109.2792	
6	BS1	1.6065	-	-	-	-	7.1258	-	-	-	
GMP735N	FS1	-	-	1.4916	0.1149	-	6.5423	-	-	-	
GMP735N		-	-	-	-	-	-	0.1149	-	109.3941	
GMP735N	BS1	1.5974	-	-	-	-	15.7557	-	-	-	
7	FS1	-	-	1.7907	-	0.1933	15.0310	-	-	-	
7		-	-	-	-	-	-	-0.1933	-	109.2007	
7	BS1	2.6764	-	-	-	-	7.5626	-	-	-	
8	FS1	-	-	1.2489	1.4276	-	7.8118	-	-	-	
8		-	-	-	-	-	-	1.4276	-	110.6283	
8	BS1	3.1976	-	-	-	-	17.0350	-	-	-	
9	FS1	-	-	1.3760	1.8216	-	18.6539	-	-	-	
9		-	-	-	-	-	-	1.8216	-	112.4498	
9	BS1	1.4205	-	-	-	-	23.0595	-	-	-	
10	FS1	-	-	1.4252	-	0.0047	23.8830	-	-	-	
10		-	-	-	-	-	-	-0.0047	-	112.4451	
10	BS1	2.1145	-	-	-	-	11.4311	-	-	-	
GMP736	FS1	-	-	1.3097	0.8048	-	10.3924	-	-	-	
GMP736		-	-	-	-	-	-	0.8048	-	113.2499	
GMP736	BS1	1.3098	-	-	-	-	10.3958	-	-	-	
11	FS1	-	-	2.2738	-	0.9641	11.7040	-	-	-	
11		-	-	-	-	-	-	-0.9641	-	112.2858	
11	BS1	1.5462	-	-	-	-	23.5490	-	-	-	
12	FS1	-	-	1.5230	0.0233	-	23.6049	-	-	-	
12		-	-	-	-	-	-	0.0233	-	112.3091	
12	BS1	2.0121	-	-	-	-	12.7199	-	-	-	
GMP737	FS1	-	-	1.2178	0.7944	-	14.0524	-	-	-	
GMP737		-	-	-	-	-	-	0.7944	-	113.1034	
GMP737	BS1	1.7032	-	-	-	-	21.5701	-	-	-	
13	FS1	-	-	1.8124	-	0.1092	22.6685	-	-	-	
13		-	-	-	-	-	-	-0.1092	-	112.9943	
13	BS1	2.1255	-	-	-	-	20.5160	-	-	-	
14	FS1	-	-	1.4818	0.6437	-	21.4632	-	-	-	
14		-	-	-	-	-	-	0.6437	-	113.6380	
14	BS1	1.3944	-	-	-	-	24.1695	-	-	-	
15	FS1	-	-	1.6293	-	0.2349	24.3135	-	-	-	
15		-	-	-	-	-	-	-0.2349	-	113.4030	
15	BS1	1.6877	-	-	-	-	15.2902	-	-	-	
GMP739	FS1	-	-	1.2970	0.3907	-	15.9719	-	-	-	
GMP739		-	-	-	-	-	-	0.3907	-	113.7937	
GMP739	BS1	1.1205	-	-	-	-	22.2132	-	-	-	
16	FS1	-	-	1.5817	-	0.4612	22.7514	-	-	-	
16		-	-	-	-	-	-	-0.4612	-	113.3326	
16	BS1	1.2032	-	-	-	-	23.7466	-	-	-	
17	FS1	-	-	1.4261	-	0.2228	24.8667	-	-	-	
17		-	-	-	-	-	-	-0.2228	-	113.1097	
17	BS1	1.4022	-	-	-	-	24.0122	-	-	-	
18	FS1	-	-	1.3613	0.0410	-	24.5630	-	-	-	
18		-	-	-	-	-	-	0.0410	-	113.1507	
18	BS1	1.4548	-	-	-	-	13.1146	-	-	-	
GMP738N	FS1	-	-	1.6076	-	0.1529	13.7477	-	-	-	
GMP738N		-	-	-	-	-	-	-0.1529	-	112.9978	
GMP738N	BS1	1.6076	-	-	-	-	13.7459	-	-	-	

19	FS1	-	-	1.4643	0.1433	-	13.2036	-	-	-	
19		-	-	-	-	-	-	0.1433	-	113.1411	
19	BS1	1.4605	-	-	-	-	23.2478	-	-	-	
20	FS1	-	-	1.5175	-	0.0570	23.5700	-	-	-	
20		-	-	-	-	-	-	-0.0570	-	113.0841	
20	BS1	1.4702	-	-	-	-	23.0855	-	-	-	
21	FS1	-	-	1.4553	0.0149	-	23.7673	-	-	-	
21		-	-	-	-	-	-	0.0149	-	113.0989	
21	BS1	1.8186	-	-	-	-	22.3719	-	-	-	
22	FS1	-	-	1.4089	0.4098	-	22.8687	-	-	-	
22		-	-	-	-	-	-	0.4098	-	113.5087	
22	BS1	1.4525	-	-	-	-	5.9242	-	-	-	
GMP739	FS1	-	-	1.1665	0.2861	-	7.0398	-	-	-	
GMP739		-	-	-	-	-	-	0.2861	-	113.7948	
GMP739	BS1	1.1665	-	-	-	-	7.0400	-	-	-	
23	FS1	-	-	1.4923	-	0.3259	6.2524	-	-	-	
23		-	-	-	-	-	-	-0.3259	-	113.4689	
23	BS1	1.5625	-	-	-	-	24.8044	-	-	-	
24	FS1	-	-	1.3365	0.2260	-	24.8602	-	-	-	
24		-	-	-	-	-	-	0.2260	-	113.6949	
24	BS1	1.3540	-	-	-	-	23.0810	-	-	-	
25	FS1	-	-	2.0280	-	0.6740	23.2825	-	-	-	
25		-	-	-	-	-	-	-0.6740	-	113.0209	
25	BS1	1.7816	-	-	-	-	15.7021	-	-	-	
26	FS1	-	-	1.4455	0.3360	-	16.2520	-	-	-	
26		-	-	-	-	-	-	0.3360	-	113.3569	
26	BS1	1.5021	-	-	-	-	14.7403	-	-	-	
GMP737N	FS1	-	-	1.7553	-	0.2532	14.6848	-	-	-	
GMP737N		-	-	-	-	-	-	-0.2532	-	113.1037	
GMP737N	BS1	0.7053	-	-	-	-	23.4555	-	-	-	
27	FS1	-	-	1.3787	-	0.6734	24.0412	-	-	-	
27		-	-	-	-	-	-	-0.6734	-	112.4304	
27	BS1	2.3028	-	-	-	-	17.7179	-	-	-	
GMP736	FS1	-	-	1.4832	0.8196	-	16.7879	-	-	-	
GMP736		-	-	-	-	-	-	0.8196	-	113.2500	
GMP736	BS1	1.4830	-	-	-	-	16.7959	-	-	-	
28	FS1	-	-	2.4940	-	1.0110	16.3405	-	-	-	
28		-	-	-	-	-	-	-1.0110	-	112.2390	
28	BS1	1.5586	-	-	-	-	23.9256	-	-	-	
29	FS1	-	-	1.1859	0.3727	-	24.8173	-	-	-	
29		-	-	-	-	-	-	0.3727	-	112.6117	
29	BS1	1.3160	-	-	-	-	19.9450	-	-	-	
30	FS1	-	-	3.1769	-	1.8609	19.1426	-	-	-	
30		-	-	-	-	-	-	-1.8609	-	110.7508	
30	BS1	1.0364	-	-	-	-	10.6484	-	-	-	
31	FS1	-	-	2.4351	-	1.3987	10.2696	-	-	-	
31		-	-	-	-	-	-	-1.3987	-	109.3521	
31	BS1	1.6290	-	-	-	-	10.2484	-	-	-	
GMP735N	FS1	-	-	1.5874	0.0416	-	9.5649	-	-	-	
GMP735N		-	-	-	-	-	-	0.0416	-	109.3937	
GMP735N	BS1	1.2524	-	-	-	-	20.4601	-	-	-	
32	FS1	-	-	1.4589	-	0.2066	19.6099	-	-	-	
32		-	-	-	-	-	-	-0.2066	-	109.1871	
32	BS1	1.2626	-	-	-	-	22.8513	-	-	-	
33	FS1	-	-	1.7094	-	0.4468	23.0198	-	-	-	
33		-	-	-	-	-	-	-0.4468	-	108.7403	
33	BS1	1.6758	-	-	-	-	13.9721	-	-	-	
34	FS1	-	-	0.6004	1.0754	-	13.5980	-	-	-	
34		-	-	-	-	-	-	1.0754	-	109.8157	
34	BS1	3.8442	-	-	-	-	18.8900	-	-	-	
35	FS1	-	-	1.4687	2.3755	-	19.5056	-	-	-	
35		-	-	-	-	-	-	2.3755	-	112.1912	
35	BS1	1.3612	-	-	-	-	23.5883	-	-	-	
36	FS1	-	-	1.6367	-	0.2755	23.6899	-	-	-	
36		-	-	-	-	-	-	-0.2755	-	111.9157	
36	BS1	1.3774	-	-	-	-	13.9915	-	-	-	
GMP734N	FS1	-	-	1.2366	0.1408	-	14.1759	-	-	-	
GMP734N		-	-	-	-	-	-	0.1408	-	112.0560	
GMP734N	BS1	1.1976	-	-	-	-	15.4534	-	-	-	
GMP733N	FS1	-	-	1.3944	-	0.1969	14.7827	-	-	-	
GMP733N		-	-	-	-	-	-	-0.1969	-	111.8591	
GMP733N	BS1	1.2857	-	-	-	-	23.6069	-	-	-	
37	FS1	-	-	1.7267	-	0.4410	24.5023	-	-	-	

37		-	-	-	-	-	-	-0.4410	-	111.4181	
37	BS1	1.4223	-	-	-	-	10.3539	-	-	-	
GMP732N	FS1	-	-	1.3341	0.0883	-	10.2397	-	-	-	
GMP732N		-	-	-	-	-	-	0.0883	-	111.5064	
GMP732N	BS1	1.2893	-	-	-	-	23.9927	-	-	-	
38	FS1	-	-	1.7097	-	0.4204	24.7446	-	-	-	
38		-	-	-	-	-	-	-0.4204	-	111.0860	
38	BS1	1.3071	-	-	-	-	22.3180	-	-	-	
39	FS1	-	-	1.8410	-	0.5339	23.1422	-	-	-	
39		-	-	-	-	-	-	-0.5339	-	110.5521	
39	BS1	1.6549	-	-	-	-	6.6897	-	-	-	
GMP731N	FS1	-	-	1.3288	0.3261	-	6.5000	-	-	-	
GMP731N		-	-	-	-	-	-	0.3261	-	110.8783	
GMP731N	BS1	0.9661	-	-	-	-	20.6317	-	-	-	
40	FS1	-	-	1.1224	-	0.1563	20.9212	-	-	-	
40		-	-	-	-	-	-	-0.1563	-	110.7220	
40	BS1	1.5184	-	-	-	-	21.8782	-	-	-	
41	FS1	-	-	1.6127	-	0.0943	22.2617	-	-	-	
41		-	-	-	-	-	-	-0.0943	-	110.6276	
41	BS1	1.3928	-	-	-	-	20.9901	-	-	-	
42	FS1	-	-	1.5028	-	0.1100	22.3787	-	-	-	
42		-	-	-	-	-	-	-0.1100	-	110.5176	
42	BS1	1.2368	-	-	-	-	24.7557	-	-	-	
43	FS1	-	-	1.5400	-	0.3032	24.1252	-	-	-	
43		-	-	-	-	-	-	-0.3032	-	110.2144	
43	BS1	0.5097	-	-	-	-	17.2508	-	-	-	
GMP730N	FS1	-	-	1.1041	-	0.5943	17.1627	-	-	-	
GMP730N		-	-	-	-	-	-	-0.5943	-	109.6201	
GMP730N	BS1	1.2207	-	-	-	-	23.5251	-	-	-	
44	FS1	-	-	1.5212	-	0.3005	23.0770	-	-	-	
44		-	-	-	-	-	-	-0.3005	-	109.3196	
44	BS1	1.4418	-	-	-	-	23.3173	-	-	-	
45	FS1	-	-	1.7312	-	0.2893	23.0832	-	-	-	
45		-	-	-	-	-	-	-0.2893	-	109.0302	
45	BS1	1.4709	-	-	-	-	12.8452	-	-	-	
GMP729N	FS1	-	-	1.5700	-	0.0990	12.3576	-	-	-	
GMP729N		-	-	-	-	-	-	-0.0990	-	108.9312	
GMP729N	BS1	1.4023	-	-	-	-	23.2527	-	-	-	
46	FS1	-	-	1.6546	-	0.2523	22.9830	-	-	-	
46		-	-	-	-	-	-	-0.2523	-	108.6789	
46	BS1	1.2798	-	-	-	-	24.1676	-	-	-	
47	FS1	-	-	1.6554	-	0.3756	24.3245	-	-	-	
47		-	-	-	-	-	-	-0.3756	-	108.3033	
47	BS1	1.4740	-	-	-	-	11.2118	-	-	-	
GMP728N	FS1	-	-	1.4961	-	0.0222	11.6470	-	-	-	
GMP728N		-	-	-	-	-	-	-0.0222	-	108.2811	
GMP728N	BS1	1.9921	-	-	-	-	17.3100	-	-	-	
48	FS1	-	-	1.6109	0.3812	-	17.7699	-	-	-	
48		-	-	-	-	-	-	0.3812	-	108.6624	
48	BS1	1.4146	-	-	-	-	15.7548	-	-	-	
GMP727	FS1	-	-	**0.4969**	0.9177	-	15.2435	-	-	-	
GMP727		-	-	-	-	-	-	0.9177	-	109.5800	
GMP727	BS1	**0.3043**	-	-	-	-	19.0672	-	-	-	
49	FS1	-	-	1.6365	-	1.3322	19.6266	-	-	-	
49		-	-	-	-	-	-	-1.3322	-	108.2478	
49	BS1	1.3628	-	-	-	-	23.4832	-	-	-	
50	FS1	-	-	1.6373	-	0.2745	23.3167	-	-	-	
50		-	-	-	-	-	-	-0.2745	-	107.9733	
50	BS1	1.3497	-	-	-	-	22.4310	-	-	-	
51	FS1	-	-	1.6214	-	0.2717	23.2813	-	-	-	
51		-	-	-	-	-	-	-0.2717	-	107.7016	
51	BS1	1.4640	-	-	-	-	11.4330	-	-	-	
GMP726	FS1	-	-	1.0464	0.4176	-	12.3125	-	-	-	
GMP726		-	-	-	-	-	-	0.4176	-	108.1192	
GMP726	BS1	0.8388	-	-	-	-	19.5443	-	-	-	
52	FS1	-	-	2.3293	-	1.4906	19.7280	-	-	-	
52		-	-	-	-	-	-	-1.4906	-	106.6287	
52	BS1	0.8162	-	-	-	-	22.9570	-	-	-	
53	FS1	-	-	1.4102	-	0.5940	22.6671	-	-	-	
53		-	-	-	-	-	-	-0.5940	-	106.0346	
53	BS1	0.6775	-	-	-	-	20.7482	-	-	-	
54	FS1	-	-	1.9343	-	1.2568	20.6734	-	-	-	
54		-	-	-	-	-	-	-1.2568	-	104.7778	
54	BS1	1.6933	-	-	-	-	20.2929	-	-	-	

55	FS1	-	-	1.5398	0.1535	-	20.9090	-	-	-	
55		-	-	-	-	-	-	0.1535	-	104.9313	
55	BS1	1.4610	-	-	-	-	17.4194	-	-	-	
GMP724	FS1	-	-	0.6435	0.8175	-	18.1288	-	-	-	
GMP724		-	-	-	-	-	-	0.8175	-	105.7488	

Level Line Id: Line 004



General

Date/Time	2.4.2024. 16:40:48	Instrument Type:	
Staff One Id:	-	Method:	BF
Staff Two Id:	-	Stations:	113
Start Point:	GMP738N	Observations:	226
End Point:	GMP738N		

Results

Height Difference:	0.0001 m	Height Error / Point:	0.0000 m
Length:	4099.7997 m	Total Distance Balance:	**-14.1174 m**
Misclosure:	0.0001 m	Total Station Difference:	-

Processing Parameters

Adjustment Method:	No Adjustment
Staff Corrections:	Not Applied

Points

Point Id	Date/Time	Height [m]	ΔHeight [m]	SD [m]
GMP738N	2.4.2024. 16:40:49	112.9978	-	0.0030
1	2.4.2024. 16:40:53	112.9620	-0.0358	0.0003
2	2.4.2024. 16:40:57	112.7963	-0.1657	0.0004
3	2.4.2024. 16:41:01	112.8027	0.0064	0.0005
4	2.4.2024. 16:41:05	113.1200	0.3173	0.0006
5	2.4.2024. 16:41:09	113.2046	0.0846	0.0006
6	2.4.2024. 16:41:13	113.1508	-0.0539	0.0007
7	2.4.2024. 16:41:17	113.2018	0.0510	0.0007
GMP740N	2.4.2024. 16:41:21	113.2819	0.0801	0.0008
8	2.4.2024. 16:41:25	112.9510	-0.3308	0.0008
GMP741N	2.4.2024. 16:41:29	113.2929	0.3419	0.0009
9	2.4.2024. 16:41:33	113.1691	-0.1238	0.0009
GMP742N	2.4.2024. 16:41:37	113.3288	0.1598	0.0010
10	2.4.2024. 16:41:41	113.1543	-0.1745	0.0010
11	2.4.2024. 16:41:45	113.1689	0.0145	0.0011
GMP743N	2.4.2024. 16:41:49	113.2546	0.0857	0.0011
12	2.4.2024. 16:41:53	113.1455	-0.1090	0.0011
GMP744N	2.4.2024. 16:41:57	113.0078	-0.1377	0.0012
13	2.4.2024. 16:42:01	112.9755	-0.0323	0.0012
14	2.4.2024. 16:42:05	112.9368	-0.0387	0.0012
15	2.4.2024. 16:42:09	113.1462	0.2094	0.0013
16	2.4.2024. 16:42:13	113.0911	-0.0551	0.0013
GMP745N	2.4.2024. 16:42:17	113.0030	-0.0882	0.0013
17	2.4.2024. 16:42:21	113.0239	0.0209	0.0014
18	2.4.2024. 16:42:25	112.9369	-0.0869	0.0014

GMP746N	2.4.2024. 16:42:29	113.2945	0.3576	0.0014
19	2.4.2024. 16:42:33	113.0922	-0.2023	0.0014
20	2.4.2024. 16:42:37	113.4980	0.4058	0.0015
GMP747N	2.4.2024. 16:42:41	112.9332	-0.5647	0.0015
21	2.4.2024. 16:42:45	113.0231	0.0899	0.0015
22	2.4.2024. 16:42:49	112.8735	-0.1496	0.0015
23	2.4.2024. 16:42:53	113.1635	0.2900	0.0016
GMP748N	2.4.2024. 16:42:57	113.2180	0.0546	0.0016
24	2.4.2024. 16:43:01	113.2510	0.0330	0.0016
25	2.4.2024. 16:43:05	113.2497	-0.0013	0.0016
26	2.4.2024. 16:43:09	113.1981	-0.0517	0.0017
27	2.4.2024. 16:43:13	113.3763	0.1783	0.0017
GMP749N	2.4.2024. 16:43:17	113.0643	-0.3120	0.0017
28	2.4.2024. 16:43:21	114.2743	1.2100	0.0017
29	2.4.2024. 16:43:25	113.0278	-1.2465	0.0018
30	2.4.2024. 16:43:29	112.9445	-0.0833	0.0018
GMP750N	2.4.2024. 16:43:33	113.3163	0.3718	0.0018
31	2.4.2024. 16:43:37	113.4162	0.1000	0.0018
32	2.4.2024. 16:43:41	113.4072	-0.0090	0.0019
GMP751N	2.4.2024. 16:43:45	113.3818	-0.0254	0.0019
33	2.4.2024. 16:43:49	113.1686	-0.2131	0.0019
34	2.4.2024. 16:43:53	113.1660	-0.0026	0.0019
35	2.4.2024. 16:43:57	113.3537	0.1877	0.0019
36	2.4.2024. 16:44:01	113.3874	0.0337	0.0020
GMP752N	2.4.2024. 16:44:05	113.2799	-0.1075	0.0020
37	2.4.2024. 16:44:09	113.4834	0.2035	0.0020
GMP753N	2.4.2024. 16:44:13	113.6472	0.1637	0.0020
38	2.4.2024. 16:44:17	113.6098	-0.0374	0.0020
39	2.4.2024. 16:44:21	113.4217	-0.1880	0.0021
40	2.4.2024. 16:44:25	113.5204	0.0986	0.0021
41	2.4.2024. 16:44:29	113.5264	0.0060	0.0021
GMP754N	2.4.2024. 16:44:33	113.6947	0.1683	0.0021
42	2.4.2024. 16:44:37	113.5279	-0.1668	0.0021
43	2.4.2024. 16:44:41	113.4770	-0.0508	0.0022
44	2.4.2024. 16:44:45	113.3924	-0.0846	0.0022
45	2.4.2024. 16:44:49	113.6231	0.2307	0.0022
GMP753N	2.4.2024. 16:44:53	113.6465	0.0234	0.0022
46	2.4.2024. 16:44:57	113.2334	-0.4132	0.0022
GMP752N	2.4.2024. 16:45:01	113.2790	0.0456	0.0022
47	2.4.2024. 16:45:05	113.2884	0.0094	0.0023
48	2.4.2024. 16:45:09	113.1532	-0.1352	0.0023
49	2.4.2024. 16:45:13	113.1589	0.0057	0.0023
50	2.4.2024. 16:45:17	113.1594	0.0005	0.0023
GMP751N	2.4.2024. 16:45:21	113.3808	0.2214	0.0023
51	2.4.2024. 16:45:25	113.1292	-0.2516	0.0023
52	2.4.2024. 16:45:29	113.0171	-0.1122	0.0024
GMP750N	2.4.2024. 16:45:33	113.3148	0.2978	0.0024
53	2.4.2024. 16:45:37	113.4126	0.0978	0.0024
54	2.4.2024. 16:45:41	113.3550	-0.0576	0.0024
55	2.4.2024. 16:45:45	113.2444	-0.1106	0.0024
GMP749N	2.4.2024. 16:45:49	113.0634	-0.1810	0.0024
56	2.4.2024. 16:45:53	113.3760	0.3125	0.0025
57	2.4.2024. 16:45:57	113.2520	-0.1240	0.0025
58	2.4.2024. 16:46:01	113.1851	-0.0669	0.0025
59	2.4.2024. 16:46:05	113.4718	0.2866	0.0025
GMP748N	2.4.2024. 16:46:09	113.2174	-0.2544	0.0025
60	2.4.2024. 16:46:13	113.2076	-0.0098	0.0025
61	2.4.2024. 16:46:17	113.5051	0.2975	0.0026
62	2.4.2024. 16:46:21	113.1609	-0.3441	0.0026
GMP747N	2.4.2024. 16:46:25	112.9323	-0.2286	0.0026
63	2.4.2024. 16:46:29	113.1509	0.2186	0.0026
64	2.4.2024. 16:46:33	113.0243	-0.1266	0.0026
GMP746N	2.4.2024. 16:46:37	113.2942	0.2700	0.0026
65	2.4.2024. 16:46:41	112.8770	-0.4173	0.0027
66	2.4.2024. 16:46:45	113.0860	0.2091	0.0027
GMP745N	2.4.2024. 16:46:49	113.0026	-0.0834	0.0027
67	2.4.2024. 16:46:53	113.0170	0.0144	0.0027
68	2.4.2024. 16:46:57	112.7207	-0.2963	0.0027
69	2.4.2024. 16:47:01	112.3564	-0.3644	0.0027
70	2.4.2024. 16:47:05	112.3702	0.0139	0.0027
GMP744N	2.4.2024. 16:47:09	113.0071	0.6369	0.0028
71	2.4.2024. 16:47:13	113.2506	0.2435	0.0028
GMP743N	2.4.2024. 16:47:17	113.2540	0.0034	0.0028

72	2.4.2024. 16:47:21	113.1222	-0.1318	0.0028
73	2.4.2024. 16:47:25	112.9508	-0.1714	0.0028
GMP742N	2.4.2024. 16:47:29	113.3279	0.3771	0.0028
74	2.4.2024. 16:47:33	112.7974	-0.5305	0.0028
75	2.4.2024. 16:47:37	112.8570	0.0596	0.0029
GMP741N	2.4.2024. 16:47:41	113.2923	0.4353	0.0029
76	2.4.2024. 16:47:45	113.4505	0.1582	0.0029
GMP740N	2.4.2024. 16:47:49	113.2813	-0.1693	0.0029
77	2.4.2024. 16:47:53	113.1563	-0.1250	0.0029
78	2.4.2024. 16:47:57	112.9488	-0.2074	0.0029
79	2.4.2024. 16:48:01	113.1560	0.2072	0.0029
80	2.4.2024. 16:48:05	112.9551	-0.2009	0.0030
81	2.4.2024. 16:48:09	112.9967	0.0416	0.0030
82	2.4.2024. 16:48:13	113.0335	0.0368	0.0030
83	2.4.2024. 16:48:17	113.0083	-0.0252	0.0030
GMP738N	2.4.2024. 16:40:49	112.9978	-0.0105	0.0030

Line Tolerances

Allowable Misclosure E = a + b √ L:	0.0121 m
a:	0.0020 m
b:	0.0050 m/√km
L (Level Line Length):	4.0998 km
Height Error / Point:	0.0005 m
Total Distance Balance:	10.0000 m

Observation Tolerances

Double Observation Check:	0.0010 m
Station Difference:	0.0003 m
Max. Sight Distance:	40.0000 m
Min. Ground Clearance:	0.5000 m

Point Height Tolerances

Height Spread:	0.0200 m
Max. Difference From Fixed Height:	0.0100 m

Booking Sheet

Point Id	Type	BS [m]	IS [m]	FS [m]	Rise [m]	Fall [m]	Hz Dist. [m]	ΔHeight [m]	ΔHeight Corr. [m]	Height [m]	Remark
GMP738N		-	-	-	-	-	-	0.0000	0.0000	112.9978	
GMP738N	BS1	1.6696	-	-	-	-	21.0912	-	-	-	
1	FS1	-	-	1.7054	-	0.0358	20.2762	-	-	-	
1		-	-	-	-	-	-	-0.0358	-	112.9620	
1	BS1	1.4248	-	-	-	-	23.4626	-	-	-	
2	FS1	-	-	1.5905	-	0.1657	23.0700	-	-	-	
2		-	-	-	-	-	-	-0.1657	-	112.7963	
2	BS1	1.5670	-	-	-	-	22.2336	-	-	-	
3	FS1	-	-	1.5606	0.0064	-	22.6335	-	-	-	
3		-	-	-	-	-	-	0.0064	-	112.8027	
3	BS1	1.4229	-	-	-	-	22.7888	-	-	-	
4	FS1	-	-	1.1057	0.3173	-	22.4114	-	-	-	
4		-	-	-	-	-	-	0.3173	-	113.1200	
4	BS1	1.4829	-	-	-	-	23.0029	-	-	-	
5	FS1	-	-	1.3982	0.0846	-	23.9157	-	-	-	
5		-	-	-	-	-	-	0.0846	-	113.2046	
5	BS1	1.6346	-	-	-	-	23.8850	-	-	-	
6	FS1	-	-	1.6885	-	0.0539	24.1981	-	-	-	
6		-	-	-	-	-	-	-0.0539	-	113.1508	
6	BS1	1.7109	-	-	-	-	17.3538	-	-	-	
7	FS1	-	-	1.6599	0.0510	-	17.4578	-	-	-	
7		-	-	-	-	-	-	0.0510	-	113.2018	
7	BS1	1.1810	-	-	-	-	9.5212	-	-	-	
GMP740N	FS1	-	-	1.1009	0.0801	-	9.8474	-	-	-	
GMP740N		-	-	-	-	-	-	0.0801	-	113.2819	
GMP740N	BS1	1.2691	-	-	-	-	17.4015	-	-	-	
8	FS1	-	-	1.6000	-	0.3308	18.1547	-	-	-	
8		-	-	-	-	-	-	-0.3308	-	112.9510	
8	BS1	1.5917	-	-	-	-	15.4959	-	-	-	
GMP741N	FS1	-	-	1.2498	0.3419	-	15.3215	-	-	-	
GMP741N		-	-	-	-	-	-	0.3419	-	113.2929	
GMP741N	BS1	1.1223	-	-	-	-	16.9639	-	-	-	
9	FS1	-	-	1.2461	-	0.1238	17.8427	-	-	-	
9		-	-	-	-	-	-	-0.1238	-	113.1691	
9	BS1	1.4250	-	-	-	-	16.3544	-	-	-	
GMP742N	FS1	-	-	1.2653	0.1598	-	17.4895	-	-	-	
GMP742N		-	-	-	-	-	-	0.1598	-	113.3288	
GMP742N	BS1	1.1849	-	-	-	-	18.2016	-	-	-	
10	FS1	-	-	1.3595	-	0.1745	17.9100	-	-	-	
10		-	-	-	-	-	-	-0.1745	-	113.1543	
10	BS1	1.4821	-	-	-	-	21.7795	-	-	-	
11	FS1	-	-	1.4675	0.0146	-	21.3760	-	-	-	
11		-	-	-	-	-	-	0.0146	-	113.1689	
11	BS1	1.6786	-	-	-	-	15.6792	-	-	-	
GMP743N	FS1	-	-	1.5929	0.0857	-	15.4004	-	-	-	

GMP743N		-	-	-	-	-	-	0.0857	-	113.2546	
GMP743N	BS1	1.5929	-	-	-	-	15.3990	-	-	-	
12	FS1	-	-	1.7019	-	0.1090	15.4456	-	-	-	
12		-	-	-	-	-	-	-0.1090	-	113.1455	
12	BS1	0.6871	-	-	-	-	17.5617	-	-	-	
GMP744N	FS1	-	-	0.8248	-	0.1378	18.2356	-	-	-	
GMP744N		-	-	-	-	-	-	-0.1378	-	113.0078	
GMP744N	BS1	0.8248	-	-	-	-	18.2427	-	-	-	
13	FS1	-	-	0.8571	-	0.0323	17.8663	-	-	-	
13		-	-	-	-	-	-	-0.0323	-	112.9755	
13	BS1	1.4354	-	-	-	-	23.6271	-	-	-	
14	FS1	-	-	1.4741	-	0.0387	24.5314	-	-	-	
14		-	-	-	-	-	-	-0.0387	-	112.9368	
14	BS1	1.6624	-	-	-	-	22.3039	-	-	-	
15	FS1	-	-	1.4530	0.2094	-	23.0388	-	-	-	
15		-	-	-	-	-	-	0.2094	-	113.1462	
15	BS1	1.3122	-	-	-	-	11.8952	-	-	-	
16	FS1	-	-	1.3672	-	0.0551	12.3324	-	-	-	
16		-	-	-	-	-	-	-0.0551	-	113.0911	
16	BS1	1.6751	-	-	-	-	16.1612	-	-	-	
GMP745N	FS1	-	-	1.7633	-	0.0882	16.8761	-	-	-	
GMP745N		-	-	-	-	-	-	-0.0882	-	113.0030	
GMP745N	BS1	1.3450	-	-	-	-	19.5608	-	-	-	
17	FS1	-	-	1.3241	0.0209	-	20.2861	-	-	-	
17		-	-	-	-	-	-	0.0209	-	113.0239	
17	BS1	1.3096	-	-	-	-	23.5278	-	-	-	
18	FS1	-	-	1.3965	-	0.0869	24.5520	-	-	-	
18		-	-	-	-	-	-	-0.0869	-	112.9369	
18	BS1	1.5838	-	-	-	-	7.0928	-	-	-	
GMP746N	FS1	-	-	1.2262	0.3575	-	6.7959	-	-	-	
GMP746N		-	-	-	-	-	-	0.3575	-	113.2945	
GMP746N	BS1	1.2227	-	-	-	-	21.8390	-	-	-	
19	FS1	-	-	1.4250	-	0.2023	21.6136	-	-	-	
19		-	-	-	-	-	-	-0.2023	-	113.0922	
19	BS1	1.7918	-	-	-	-	22.2719	-	-	-	
20	FS1	-	-	1.3860	0.4058	-	23.1996	-	-	-	
20		-	-	-	-	-	-	0.4058	-	113.4980	
20	BS1	1.3770	-	-	-	-	8.2560	-	-	-	
GMP747N	FS1	-	-	1.9417	-	0.5647	7.9733	-	-	-	
GMP747N		-	-	-	-	-	-	-0.5647	-	112.9332	
GMP747N	BS1	2.0100	-	-	-	-	19.0328	-	-	-	
21	FS1	-	-	1.9201	0.0899	-	19.9603	-	-	-	
21		-	-	-	-	-	-	0.0899	-	113.0231	
21	BS1	1.2389	-	-	-	-	22.8368	-	-	-	
22	FS1	-	-	1.3885	-	0.1496	23.0185	-	-	-	
22		-	-	-	-	-	-	-0.1496	-	112.8735	
22	BS1	1.5916	-	-	-	-	17.3875	-	-	-	
23	FS1	-	-	1.3016	0.2900	-	17.2915	-	-	-	
23		-	-	-	-	-	-	0.2900	-	113.1635	
23	BS1	1.2790	-	-	-	-	11.2825	-	-	-	
GMP748N	FS1	-	-	1.2245	0.0545	-	11.3672	-	-	-	
GMP748N		-	-	-	-	-	-	0.0545	-	113.2180	
GMP748N	BS1	1.7986	-	-	-	-	19.5784	-	-	-	
24	FS1	-	-	1.7656	0.0330	-	19.1671	-	-	-	
24		-	-	-	-	-	-	0.0330	-	113.2510	
24	BS1	1.5044	-	-	-	-	22.0176	-	-	-	
25	FS1	-	-	1.5056	-	0.0013	22.1582	-	-	-	
25		-	-	-	-	-	-	-0.0013	-	113.2497	
25	BS1	1.4073	-	-	-	-	23.3530	-	-	-	
26	FS1	-	-	1.4590	-	0.0517	23.1477	-	-	-	
26		-	-	-	-	-	-	-0.0517	-	113.1981	
26	BS1	1.5431	-	-	-	-	23.7891	-	-	-	
27	FS1	-	-	1.3649	0.1783	-	24.9270	-	-	-	
27		-	-	-	-	-	-	0.1783	-	113.3763	
27	BS1	1.3049	-	-	-	-	17.8133	-	-	-	
GMP749N	FS1	-	-	1.6168	-	0.3120	17.8514	-	-	-	
GMP749N		-	-	-	-	-	-	-0.3120	-	113.0643	
GMP749N	BS1	1.8015	-	-	-	-	10.5134	-	-	-	
28	FS1	-	-	0.5915	1.2100	-	10.4293	-	-	-	
28		-	-	-	-	-	-	1.2100	-	114.2743	
28	BS1	0.7549	-	-	-	-	18.7395	-	-	-	
29	FS1	-	-	2.0014	-	1.2466	19.2097	-	-	-	
29		-	-	-	-	-	-	-1.2466	-	113.0278	

30	BS1	1.4612	-	1.5445	-	0.0833	22.8470	-	-	-	
30	FS1						22.7640				
30		-	-	-	-	-	-	-0.0833	-	112.9445	
30	BS1	1.5279	-	-	-	-	19.6112	-	-	-	
GMP750N	FS1	-	-	1.1561	0.3718	-	19.1703	-	-	-	
GMP750N		-	-	-	-	-	-	0.3718	-	113.3163	
GMP750N	BS1	1.7158	-	-	-	-	16.3965	-	-	-	
31	FS1	-	-	1.6159	0.1000	-	16.1091	-	-	-	
31		-	-	-	-	-	-	0.1000	-	113.4162	
31	BS1	1.5081	-	-	-	-	19.7955	-	-	-	
32	FS1	-	-	1.5171	-	0.0090	19.3849	-	-	-	
32		-	-	-	-	-	-	-0.0090	-	113.4072	
32	BS1	1.5959	-	-	-	-	6.6606	-	-	-	
GMP751N	FS1	-	-	1.6214	-	0.0254	7.5497	-	-	-	
GMP751N		-	-	-	-	-	-	-0.0254	-	113.3818	
GMP751N	BS1	1.7623	-	-	-	-	13.1527	-	-	-	
33	FS1	-	-	1.9754	-	0.2132	14.3657	-	-	-	
33		-	-	-	-	-	-	-0.2132	-	113.1686	
33	BS1	1.4320	-	-	-	-	24.0723	-	-	-	
34	FS1	-	-	1.4346	-	0.0026	24.3015	-	-	-	
34		-	-	-	-	-	-	-0.0026	-	113.1660	
34	BS1	1.5656	-	-	-	-	22.6399	-	-	-	
35	FS1	-	-	1.3779	0.1877	-	23.1629	-	-	-	
35		-	-	-	-	-	-	0.1877	-	113.3537	
35	BS1	1.3806	-	-	-	-	17.0857	-	-	-	
36	FS1	-	-	1.3469	0.0337	-	16.5391	-	-	-	
36		-	-	-	-	-	-	0.0337	-	113.3874	
36	BS1	1.3886	-	-	-	-	11.2258	-	-	-	
GMP752N	FS1	-	-	1.4960	-	0.1075	11.2677	-	-	-	
GMP752N		-	-	-	-	-	-	-0.1075	-	113.2799	
GMP752N	BS1	1.8894	-	-	-	-	20.4429	-	-	-	
37	FS1	-	-	1.6859	0.2035	-	20.7189	-	-	-	
37		-	-	-	-	-	-	0.2035	-	113.4834	
37	BS1	1.4083	-	-	-	-	7.0369	-	-	-	
GMP753N	FS1	-	-	1.2446	0.1638	-	7.2069	-	-	-	
GMP753N		-	-	-	-	-	-	0.1638	-	113.6472	
GMP753N	BS1	1.3415	-	-	-	-	25.6871	-	-	-	
38	FS1	-	-	1.3789	-	0.0374	25.0225	-	-	-	
38		-	-	-	-	-	-	-0.0374	-	113.6098	
38	BS1	1.1222	-	-	-	-	22.2918	-	-	-	
39	FS1	-	-	1.3103	-	0.1880	21.6250	-	-	-	
39		-	-	-	-	-	-	-0.1880	-	113.4217	
39	BS1	1.4643	-	-	-	-	22.8417	-	-	-	
40	FS1	-	-	1.3657	0.0986	-	22.4909	-	-	-	
40		-	-	-	-	-	-	0.0986	-	113.5204	
40	BS1	1.3623	-	-	-	-	14.3958	-	-	-	
41	FS1	-	-	1.3562	0.0060	-	13.9689	-	-	-	
41		-	-	-	-	-	-	0.0060	-	113.5264	
41	BS1	1.5137	-	-	-	-	14.1831	-	-	-	
GMP754N	FS1	-	-	1.3454	0.1683	-	13.0992	-	-	-	
GMP754N		-	-	-	-	-	-	0.1683	-	113.6947	
GMP754N	BS1	1.3453	-	-	-	-	13.1011	-	-	-	
42	FS1	-	-	1.5122	-	0.1668	13.7337	-	-	-	
42		-	-	-	-	-	-	-0.1668	-	113.5279	
42	BS1	1.4490	-	-	-	-	22.3197	-	-	-	
43	FS1	-	-	1.4998	-	0.0509	22.7246	-	-	-	
43		-	-	-	-	-	-	-0.0509	-	113.4770	
43	BS1	1.3548	-	-	-	-	23.3361	-	-	-	
44	FS1	-	-	1.4394	-	0.0846	23.3322	-	-	-	
44		-	-	-	-	-	-	-0.0846	-	113.3924	
44	BS1	1.3164	-	-	-	-	23.1364	-	-	-	
45	FS1	-	-	1.0856	0.2307	-	23.7772	-	-	-	
45		-	-	-	-	-	-	0.2307	-	113.6231	
45	BS1	1.5596	-	-	-	-	14.5448	-	-	-	
GMP753N	FS1	-	-	1.5362	0.0234	-	14.9037	-	-	-	
GMP753N		-	-	-	-	-	-	0.0234	-	113.6465	
GMP753N	BS1	1.5870	-	-	-	-	19.9624	-	-	-	
46	FS1	-	-	2.0002	-	0.4132	20.4559	-	-	-	
46		-	-	-	-	-	-	-0.4132	-	113.2334	
46	BS1	1.3864	-	-	-	-	7.7711	-	-	-	
GMP752N	FS1	-	-	1.3407	0.0456	-	7.8595	-	-	-	
GMP752N		-	-	-	-	-	-	0.0456	-	113.2790	
GMP752N	BS1	1.3743	-	-	-	-	23.2585	-	-	-	
47	FS1	-	-	1.3649	0.0094	-	23.2181	-	-	-	

47		-	-	-	-	-	-	0.0094	-	113.2884	
47	BS1	1.3090	-	-	-	-	23.2324	-	-	-	
48	FS1	-	-	1.4442	-	0.1352	23.6115	-	-	-	
48		-	-	-	-	-	-	-0.1352	-	113.1532	
48	BS1	1.3526	-	-	-	-	23.6941	-	-	-	
49	FS1	-	-	1.3469	0.0057	-	22.9772	-	-	-	
49		-	-	-	-	-	-	0.0057	-	113.1589	
49	BS1	1.2482	-	-	-	-	11.3292	-	-	-	
50	FS1	-	-	1.2477	0.0005	-	12.1184	-	-	-	
50		-	-	-	-	-	-	0.0005	-	113.1594	
50	BS1	1.8863	-	-	-	-	9.8728	-	-	-	
GMP751N	FS1	-	-	1.6649	0.2214	-	10.3362	-	-	-	
GMP751N		-	-	-	-	-	-	0.2214	-	113.3808	
GMP751N	BS1	1.6649	-	-	-	-	10.3320	-	-	-	
51	FS1	-	-	1.9165	-	0.2516	10.0368	-	-	-	
51		-	-	-	-	-	-	-0.2516	-	113.1292	
51	BS1	1.2709	-	-	-	-	21.7356	-	-	-	
52	FS1	-	-	1.3831	-	0.1122	21.6049	-	-	-	
52		-	-	-	-	-	-	-0.1122	-	113.0171	
52	BS1	1.3804	-	-	-	-	7.0768	-	-	-	
GMP750N	FS1	-	-	1.0827	0.2978	-	7.0256	-	-	-	
GMP750N		-	-	-	-	-	-	0.2978	-	113.3148	
GMP750N	BS1	1.7041	-	-	-	-	16.2391	-	-	-	
53	FS1	-	-	1.6063	0.0978	-	16.1165	-	-	-	
53		-	-	-	-	-	-	0.0978	-	113.4126	
53	BS1	1.4906	-	-	-	-	23.0903	-	-	-	
54	FS1	-	-	1.5482	-	0.0576	23.9114	-	-	-	
54		-	-	-	-	-	-	-0.0576	-	113.3550	
54	BS1	1.4760	-	-	-	-	22.1974	-	-	-	
55	FS1	-	-	1.5866	-	0.1106	22.3535	-	-	-	
55		-	-	-	-	-	-	-0.1106	-	113.2444	
55	BS1	1.4601	-	-	-	-	20.6940	-	-	-	
GMP749N	FS1	-	-	1.6411	-	0.1810	19.6802	-	-	-	
GMP749N		-	-	-	-	-	-	-0.1810	-	113.0634	
GMP749N	BS1	1.7405	-	-	-	-	21.9026	-	-	-	
56	FS1	-	-	1.4279	0.3125	-	22.3476	-	-	-	
56		-	-	-	-	-	-	0.3125	-	113.3760	
56	BS1	1.4073	-	-	-	-	22.8957	-	-	-	
57	FS1	-	-	1.5313	-	0.1240	22.5150	-	-	-	
57		-	-	-	-	-	-	-0.1240	-	113.2520	
57	BS1	1.4768	-	-	-	-	21.3861	-	-	-	
58	FS1	-	-	1.5437	-	0.0669	22.6745	-	-	-	
58		-	-	-	-	-	-	-0.0669	-	113.1851	
58	BS1	1.5457	-	-	-	-	25.5079	-	-	-	
59	FS1	-	-	1.2591	0.2866	-	24.5832	-	-	-	
59		-	-	-	-	-	-	0.2866	-	113.4718	
59	BS1	1.4702	-	-	-	-	6.9182	-	-	-	
GMP748N	FS1	-	-	1.7246	-	0.2544	8.2287	-	-	-	
GMP748N		-	-	-	-	-	-	-0.2544	-	113.2174	
GMP748N	BS1	0.9924	-	-	-	-	21.9970	-	-	-	
60	FS1	-	-	1.0022	-	0.0098	22.6427	-	-	-	
60		-	-	-	-	-	-	-0.0098	-	113.2076	
60	BS1	1.8167	-	-	-	-	19.1866	-	-	-	
61	FS1	-	-	1.5192	0.2975	-	20.2334	-	-	-	
61		-	-	-	-	-	-	0.2975	-	113.5051	
61	BS1	1.4889	-	-	-	-	17.0360	-	-	-	
62	FS1	-	-	1.8331	-	0.3442	17.8896	-	-	-	
62		-	-	-	-	-	-	-0.3442	-	113.1609	
62	BS1	1.6694	-	-	-	-	8.2856	-	-	-	
GMP747N	FS1	-	-	1.8980	-	0.2286	8.9212	-	-	-	
GMP747N		-	-	-	-	-	-	-0.2286	-	112.9323	
GMP747N	BS1	2.0574	-	-	-	-	19.8238	-	-	-	
63	FS1	-	-	1.8389	0.2186	-	20.4918	-	-	-	
63		-	-	-	-	-	-	0.2186	-	113.1509	
63	BS1	1.2671	-	-	-	-	22.5998	-	-	-	
64	FS1	-	-	1.3937	-	0.1266	23.0982	-	-	-	
64		-	-	-	-	-	-	-0.1266	-	113.0243	
64	BS1	1.5345	-	-	-	-	13.9740	-	-	-	
GMP746N	FS1	-	-	1.2646	0.2700	-	13.9706	-	-	-	
GMP746N		-	-	-	-	-	-	0.2700	-	113.2942	
GMP746N	BS1	0.9846	-	-	-	-	23.5693	-	-	-	
65	FS1	-	-	1.4019	-	0.4173	23.0236	-	-	-	
65		-	-	-	-	-	-	-0.4173	-	112.8770	

65	BS1	1.5334	-	-	-	-	23.9520	-	-	-	
66	FS1	-	-	1.3243	0.2091	-	23.7073	-	-	-	
66		-	-	-	-	-	-	0.2091	-	113.0860	
66	BS1	1.2605	-	-	-	-	9.2854	-	-	-	
GMP745N	FS1	-	-	1.3440	-	0.0834	8.1016	-	-	-	
GMP745N		-	-	-	-	-	-	-0.0834	-	113.0026	
GMP745N	BS1	1.4246	-	-	-	-	20.3606	-	-	-	
67	FS1	-	-	1.4102	0.0144	-	20.2840	-	-	-	
67		-	-	-	-	-	-	0.0144	-	113.0170	
67	BS1	1.5880	-	-	-	-	23.4341	-	-	-	
68	FS1	-	-	1.8843	-	0.2963	24.0764	-	-	-	
68		-	-	-	-	-	-	-0.2963	-	112.7207	
68	BS1	1.3968	-	-	-	-	22.1829	-	-	-	
69	FS1	-	-	1.7612	-	0.3644	22.8871	-	-	-	
69		-	-	-	-	-	-	-0.3644	-	112.3564	
69	BS1	1.2901	-	-	-	-	18.1048	-	-	-	
70	FS1	-	-	1.2763	0.0139	-	17.7894	-	-	-	
70		-	-	-	-	-	-	0.0139	-	112.3702	
70	BS1	1.4014	-	-	-	-	5.5631	-	-	-	
GMP744N	FS1	-	-	0.7645	0.6369	-	5.1714	-	-	-	
GMP744N		-	-	-	-	-	-	0.6369	-	113.0071	
GMP744N	BS1	0.9288	-	-	-	-	20.4172	-	-	-	
71	FS1	-	-	0.6853	0.2435	-	19.7374	-	-	-	
71		-	-	-	-	-	-	0.2435	-	113.2506	
71	BS1	1.2761	-	-	-	-	10.3700	-	-	-	
GMP743N	FS1	-	-	1.2727	0.0034	-	10.3927	-	-	-	
GMP743N		-	-	-	-	-	-	0.0034	-	113.2540	
GMP743N	BS1	1.5817	-	-	-	-	19.5189	-	-	-	
72	FS1	-	-	1.7135	-	0.1318	19.1439	-	-	-	
72		-	-	-	-	-	-	-0.1318	-	113.1222	
72	BS1	1.6586	-	-	-	-	18.9397	-	-	-	
73	FS1	-	-	1.8300	-	0.1714	19.0925	-	-	-	
73		-	-	-	-	-	-	-0.1714	-	112.9508	
73	BS1	1.5269	-	-	-	-	10.0418	-	-	-	
GMP742N	FS1	-	-	1.1498	0.3771	-	10.0164	-	-	-	
GMP742N		-	-	-	-	-	-	0.3771	-	113.3279	
GMP742N	BS1	1.1994	-	-	-	-	17.9614	-	-	-	
74	FS1	-	-	1.7299	-	0.5305	18.2331	-	-	-	
74		-	-	-	-	-	-	-0.5305	-	112.7974	
74	BS1	1.3377	-	-	-	-	12.8454	-	-	-	
75	FS1	-	-	1.2781	0.0596	-	13.6325	-	-	-	
75		-	-	-	-	-	-	0.0596	-	112.8570	
75	BS1	1.5583	-	-	-	-	10.5098	-	-	-	
GMP741N	FS1	-	-	1.1230	0.4353	-	10.4786	-	-	-	
GMP741N		-	-	-	-	-	-	0.4353	-	113.2923	
GMP741N	BS1	0.9914	-	-	-	-	23.1111	-	-	-	
76	FS1	-	-	0.8331	0.1583	-	22.5102	-	-	-	
76		-	-	-	-	-	-	0.1583	-	113.4505	
76	BS1	1.1059	-	-	-	-	8.2780	-	-	-	
GMP740N	FS1	-	-	1.2752	-	0.1693	7.9833	-	-	-	
GMP740N		-	-	-	-	-	-	-0.1693	-	113.2813	
GMP740N	BS1	1.5056	-	-	-	-	18.4123	-	-	-	
77	FS1	-	-	1.6306	-	0.1250	19.1555	-	-	-	
77		-	-	-	-	-	-	-0.1250	-	113.1563	
77	BS1	1.0155	-	-	-	-	22.6976	-	-	-	
78	FS1	-	-	1.2229	-	0.2074	22.9772	-	-	-	
78		-	-	-	-	-	-	-0.2074	-	112.9488	
78	BS1	1.5687	-	-	-	-	24.0677	-	-	-	
79	FS1	-	-	1.3615	0.2072	-	23.9364	-	-	-	
79		-	-	-	-	-	-	0.2072	-	113.1560	
79	BS1	1.3441	-	-	-	-	23.1748	-	-	-	
80	FS1	-	-	1.5450	-	0.2009	23.3569	-	-	-	
80		-	-	-	-	-	-	-0.2009	-	112.9551	
80	BS1	1.3882	-	-	-	-	24.3228	-	-	-	
81	FS1	-	-	1.3466	0.0416	-	25.1087	-	-	-	
81		-	-	-	-	-	-	0.0416	-	112.9967	
81	BS1	1.4565	-	-	-	-	23.8662	-	-	-	
82	FS1	-	-	1.4197	0.0368	-	23.6315	-	-	-	
82		-	-	-	-	-	-	0.0368	-	113.0335	
82	BS1	1.3806	-	-	-	-	21.6999	-	-	-	
83	FS1	-	-	1.4058	-	0.0252	20.7201	-	-	-	
83		-	-	-	-	-	-	-0.0252	-	113.0083	
83	BS1	1.3352	-	-	-	-	8.0531	-	-	-	

~~GMP738N~~ GMP738N	~~FS1~~	- -	- -	~~1.3456~~ -	- -	~~0.0104~~ -	~~7.0920~~ -	- -0.0104	- -	- 112.9978	

Leica Geosystems AG
Heinrich Wild Strasse
CH-9435 Heerbrugg
St. Gallen, Switzerland

Phone: + 41 71 727 3131
Fax: + 41 71 727 4674

- when it has to be right

Level Report

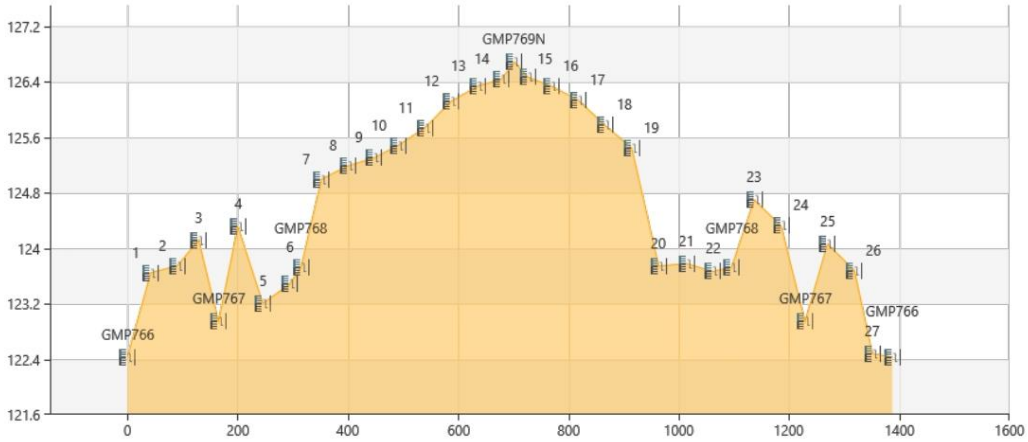
Report created: 03.04.2024 10:33:23

Project Details

General		Customer Details		Master Coordinate System	
Project Name:	7	Customer Name:	-	Coordinate System Name:	None
Owner:	-	Contact Person:	-	Transformation Type:	-
Lead Surveyor:	-	Number:	-	Residual Distribution:	-
Date Created:	03.04.2024 10:33:12	Email:	-	Ellipsoid:	-
Last Accessed:	03.04.2024 10:33:12	Skype:	-	Projection Type:	-
Application Software:	Infinity 4.0.0	Website:	-	Geoid Model:	-
				CSCS Model:	-

Path:	C:\Users\TOP-PC\Documents\Leica Geosystems\Infinity\Projects\7\7.iprj
Size:	0.2 MB
Comments:	-

Level Line Id: Line 001



General

Date/Time	2.4.2024. 16:30:35	Instrument Type:	
Staff One Id:	-	Method:	BF
Staff Two Id:	-	Stations:	33
Start Point:	GMP766	Observations:	66
End Point:	GMP766		

Results

Height Difference:	0.0003 m	Height Error / Point:	0.0000 m
Length:	1387.5980 m	Total Distance Balance:	0.5353 m
Misclosure:	0.0003 m	Total Station Difference:	-

Processing Parameters

Adjustment Method:	No Adjustment
Staff Corrections:	Not Applied

Points

Point Id	Date/Time	Height [m]	ΔHeight [m]	SD [m]
GMP766	2.4.2024. 16:30:36	122.4321	-	0.0016
1	2.4.2024. 16:30:40	123.6476	1.2155	0.0003
2	2.4.2024. 16:30:44	123.7474	0.0998	0.0004

3	2.4.2024. 16:30:48	124.1195	0.3720	0.0005
GMP767	2.4.2024. 16:30:52	122.9458	-1.1737	0.0006
4	2.4.2024. 16:30:56	124.3161	1.3704	0.0006
5	2.4.2024. 16:31:00	123.2062	-1.1099	0.0007
6	2.4.2024. 16:31:04	123.4813	0.2751	0.0007
GMP768	2.4.2024. 16:31:08	123.7229	0.2415	0.0008
7	2.4.2024. 16:31:12	124.9958	1.2729	0.0008
8	2.4.2024. 16:31:16	125.1871	0.1913	0.0009
9	2.4.2024. 16:31:20	125.3046	0.1176	0.0009
10	2.4.2024. 16:31:24	125.4854	0.1807	0.0010
11	2.4.2024. 16:31:28	125.7363	0.2510	0.0010
12	2.4.2024. 16:31:32	126.1165	0.3802	0.0011
13	2.4.2024. 16:31:36	126.3369	0.2204	0.0011
14	2.4.2024. 16:31:40	126.4361	0.0991	0.0011
GMP769N	2.4.2024. 16:31:44	126.6830	0.2470	0.0012
15	2.4.2024. 16:31:48	126.4679	-0.2151	0.0012
16	2.4.2024. 16:31:52	126.3346	-0.1333	0.0012
17	2.4.2024. 16:31:56	126.1346	-0.2000	0.0013
18	2.4.2024. 16:32:00	125.7742	-0.3604	0.0013
19	2.4.2024. 16:32:04	125.4454	-0.3288	0.0013
20	2.4.2024. 16:32:08	123.7443	-1.7010	0.0014
21	2.4.2024. 16:32:12	123.7802	0.0358	0.0014
22	2.4.2024. 16:32:16	123.6659	-0.1143	0.0014
GMP768	2.4.2024. 16:32:20	123.7238	0.0580	0.0014
23	2.4.2024. 16:32:24	124.6973	0.9734	0.0015
24	2.4.2024. 16:32:28	124.3226	-0.3747	0.0015
GMP767	2.4.2024. 16:32:32	122.9463	-1.3763	0.0015
25	2.4.2024. 16:32:36	124.0620	1.1157	0.0015
26	2.4.2024. 16:32:40	123.6785	-0.3835	0.0016
27	2.4.2024. 16:32:44	122.4794	-1.1991	0.0016
GMP766	2.4.2024. 16:30:36	122.4321	-0.0473	0.0016

Line Tolerances

Allowable Misclosure E = a + b √ L:	0.0079 m
a:	0.0020 m
b:	0.0050 m/√km
L (Level Line Length):	1.3876 km
Height Error / Point:	0.0005 m
Total Distance Balance:	10.0000 m

Observation Tolerances

Double Observation Check:	0.0010 m
Station Difference:	0.0003 m
Max. Sight Distance:	40.0000 m
Min. Ground Clearance:	0.5000 m

Point Height Tolerances

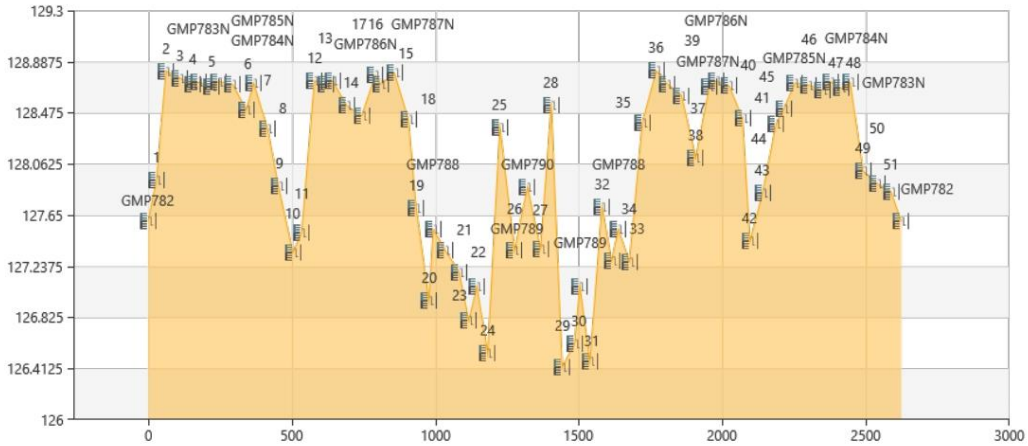
Height Spread:	0.0200 m
Max. Difference From Fixed Height:	0.0100 m

Booking Sheet

Point Id	Type	BS [m]	IS [m]	FS [m]	Rise [m]	Fall [m]	Hz Dist. [m]	ΔHeight [m]	ΔHeight Corr. [m]	Height [m]	Remark
GMP766		-	-	-	-	-	-	0.0000	0.0000	122.4321	
GMP766	BS1	2.4651	-	-	-	-	21.7070	-	-	-	
1	FS1	-	-	1.2495	1.2155	-	20.8628	-	-	-	
1		-	-	-	-	-	-	1.2155	-	123.6476	
1	BS1	1.5531	-	-	-	-	23.7892	-	-	-	
2	FS1	-	-	1.4533	0.0998	-	24.4380	-	-	-	
2		-	-	-	-	-	-	0.0998	-	123.7474	
2	BS1	1.5686	-	-	-	-	19.1835	-	-	-	
3	FS1	-	-	1.1965	0.3720	-	19.3998	-	-	-	
3		-	-	-	-	-	-	0.3720	-	124.1195	
3	BS1	1.4349	-	-	-	-	18.6751	-	-	-	
GMP767	FS1	-	-	2.6086	-	1.1737	17.4035	-	-	-	
GMP767		-	-	-	-	-	-	-1.1737	-	122.9458	
GMP767	BS1	2.6085	-	-	-	-	17.4025	-	-	-	
4	FS1	-	-	1.2381	1.3704	-	17.7074	-	-	-	
4		-	-	-	-	-	-	1.3704	-	124.3161	
4	BS1	1.3033	-	-	-	-	22.9038	-	-	-	
5	FS1	-	-	2.4133	-	1.1099	22.3693	-	-	-	
5		-	-	-	-	-	-	-1.1099	-	123.2062	
5	BS1	1.5148	-	-	-	-	24.1267	-	-	-	
6	FS1	-	-	1.2397	0.2751	-	24.3559	-	-	-	
6		-	-	-	-	-	-	0.2751	-	123.4813	
6	BS1	1.4700	-	-	-	-	10.5572	-	-	-	
GMP768	FS1	-	-	1.2284	0.2415	-	10.0197	-	-	-	
GMP768		-	-	-	-	-	-	0.2415	-	123.7229	
GMP768	BS1	2.4987	-	-	-	-	18.7645	-	-	-	
7	FS1	-	-	1.2258	1.2729	-	18.4786	-	-	-	
7		-	-	-	-	-	-	1.2729	-	124.9958	
7	BS1	1.5249	-	-	-	-	23.7383	-	-	-	
8	FS1	-	-	1.3336	0.1913	-	24.0300	-	-	-	

8	BS1	1.4259	-	-	-	-	23.6541	0.1913	-	125.1871	
9	FS1	-	-	1.3084	0.1176	-	24.1060	-	-	-	
9		-	-	-	-	-	-	0.1176	-	125.3046	
9	BS1	1.4873	-	-	-	-	21.9684	-	-	-	
10	FS1	-	-	1.3065	0.1807	-	22.1695	-	-	-	
10		-	-	-	-	-	-	0.1807	-	125.4854	
10	BS1	1.6415	-	-	-	-	23.8303	-	-	-	
11	FS1	-	-	1.3905	0.2509	-	23.9862	-	-	-	
11		-	-	-	-	-	-	0.2509	-	125.7363	
11	BS1	1.6138	-	-	-	-	23.6212	-	-	-	
12	FS1	-	-	1.2336	0.3802	-	23.9635	-	-	-	
12		-	-	-	-	-	-	0.3802	-	126.1165	
12	BS1	1.5855	-	-	-	-	24.1621	-	-	-	
13	FS1	-	-	1.3651	0.2204	-	24.0644	-	-	-	
13		-	-	-	-	-	-	0.2204	-	126.3369	
13	BS1	1.4827	-	-	-	-	21.5826	-	-	-	
14	FS1	-	-	1.3835	0.0992	-	21.0072	-	-	-	
14		-	-	-	-	-	-	0.0992	-	126.4361	
14	BS1	1.4507	-	-	-	-	11.9932	-	-	-	
GMP769N	FS1	-	-	1.2038	0.2470	-	12.3845	-	-	-	
GMP769N		-	-	-	-	-	-	0.2470	-	126.6830	
GMP769N	BS1	1.2038	-	-	-	-	12.3856	-	-	-	
15	FS1	-	-	1.4189	-	0.2151	11.9514	-	-	-	
15		-	-	-	-	-	-	-0.2151	-	126.4679	
15	BS1	1.3640	-	-	-	-	21.5795	-	-	-	
16	FS1	-	-	1.4973	-	0.1333	21.4549	-	-	-	
16		-	-	-	-	-	-	-0.1333	-	126.3346	
16	BS1	1.3707	-	-	-	-	23.8923	-	-	-	
17	FS1	-	-	1.5707	-	0.2000	24.2221	-	-	-	
17		-	-	-	-	-	-	-0.2000	-	126.1346	
17	BS1	1.3437	-	-	-	-	23.9197	-	-	-	
18	FS1	-	-	1.7041	-	0.3604	24.2606	-	-	-	
18		-	-	-	-	-	-	-0.3604	-	125.7742	
18	BS1	1.3729	-	-	-	-	24.4966	-	-	-	
19	FS1	-	-	1.7017	-	0.3288	24.4170	-	-	-	
19		-	-	-	-	-	-	-0.3288	-	125.4454	
19	BS1	1.4773	-	-	-	-	24.9279	-	-	-	
20	FS1	-	-	3.1784	-	1.7010	23.8025	-	-	-	
20		-	-	-	-	-	-	-1.7010	-	123.7443	
20	BS1	1.1256	-	-	-	-	25.5244	-	-	-	
21	FS1	-	-	1.0898	0.0358	-	25.0760	-	-	-	
21		-	-	-	-	-	-	0.0358	-	123.7802	
21	BS1	1.4811	-	-	-	-	23.5923	-	-	-	
22	FS1	-	-	1.5954	-	0.1143	24.2195	-	-	-	
22		-	-	-	-	-	-	-0.1143	-	123.6659	
22	BS1	1.5611	-	-	-	-	16.3922	-	-	-	
GMP768	FS1	-	-	1.5031	0.0580	-	17.1321	-	-	-	
GMP768		-	-	-	-	-	-	0.0580	-	123.7238	
GMP768	BS1	2.3535	-	-	-	-	20.3113	-	-	-	
23	FS1	-	-	1.3801	0.9734	-	20.9680	-	-	-	
23		-	-	-	-	-	-	0.9734	-	124.6973	
23	BS1	1.2538	-	-	-	-	24.0742	-	-	-	
24	FS1	-	-	1.6284	-	0.3747	24.7679	-	-	-	
24		-	-	-	-	-	-	-0.3747	-	124.3226	
24	BS1	1.2514	-	-	-	-	21.9410	-	-	-	
GMP767	FS1	-	-	2.6277	-	1.3763	21.4719	-	-	-	
GMP767		-	-	-	-	-	-	-1.3763	-	122.9463	
GMP767	BS1	2.5055	-	-	-	-	20.0060	-	-	-	
25	FS1	-	-	1.3898	1.1157	-	20.6103	-	-	-	
25		-	-	-	-	-	-	1.1157	-	124.0620	
25	BS1	1.1934	-	-	-	-	24.2839	-	-	-	
26	FS1	-	-	1.5770	-	0.3835	24.7243	-	-	-	
26		-	-	-	-	-	-	-0.3835	-	123.6785	
26	BS1	1.3181	-	-	-	-	16.6216	-	-	-	
27	FS1	-	-	2.5172	-	1.1991	15.8529	-	-	-	
27		-	-	-	-	-	-	-1.1991	-	122.4794	
27	BS1	1.1776	-	-	-	-	18.4585	-	-	-	
GMP766	FS1	-	-	1.2246	-	0.0470	17.8541	-	-	-	
GMP766		-	-	-	-	-	-	-0.0470	-	122.4321	

Level Line Id: Line 003



General

Date/Time	2.4.2024. 16:39:57	Instrument Type:	
Staff One Id:	-	Method:	BF
Staff Two Id:	-	Stations:	67
Start Point:	GMP782	Observations:	134
End Point:	GMP782		

Results

Height Difference:	-0.0008 m	Height Error / Point:	0.0000 m
Length:	2623.2182 m	Total Distance Balance:	4.7288 m
Misclosure:	-0.0008 m	Total Station Difference:	-

Processing Parameters

Adjustment Method:	No Adjustment
Staff Corrections:	Not Applied

Points

Point Id	Date/Time	Height [m]	ΔHeight [m]	SD [m]
GMP782	2.4.2024. 16:39:58	127.6018	-	0.0023
1	2.4.2024. 16:40:02	127.9336	0.3318	0.0003
2	2.4.2024. 16:40:06	128.8140	0.8803	0.0004
3	2.4.2024. 16:40:10	128.7574	-0.0566	0.0005
4	2.4.2024. 16:40:14	128.7088	-0.0486	0.0006
GMP783N	2.4.2024. 16:40:18	128.7225	0.0137	0.0006
5	2.4.2024. 16:40:22	128.6856	-0.0369	0.0007
GMP784N	2.4.2024. 16:40:26	128.7292	0.0436	0.0007
6	2.4.2024. 16:40:30	128.7069	-0.0223	0.0008
7	2.4.2024. 16:40:34	128.5001	-0.2068	0.0008
GMP785N	2.4.2024. 16:40:38	128.7177	0.2177	0.0009
8	2.4.2024. 16:40:42	128.3479	-0.3698	0.0009
9	2.4.2024. 16:40:46	127.8812	-0.4667	0.0010
10	2.4.2024. 16:40:50	127.3493	-0.5319	0.0010
11	2.4.2024. 16:40:54	127.5089	0.1595	0.0011
12	2.4.2024. 16:40:58	128.7350	1.2261	0.0011
13	2.4.2024. 16:41:02	128.7036	-0.0314	0.0011
GMP786N	2.4.2024. 16:41:06	128.7315	0.0280	0.0012
14	2.4.2024. 16:41:10	128.5334	-0.1981	0.0012
15	2.4.2024. 16:41:14	128.4511	-0.0823	0.0012
16	2.4.2024. 16:41:18	128.7775	0.3263	0.0013
GMP787N	2.4.2024. 16:41:22	128.7076	-0.0699	0.0013
17	2.4.2024. 16:41:26	128.7962	0.0886	0.0013
18	2.4.2024. 16:41:30	128.4219	-0.3743	0.0014
19	2.4.2024. 16:41:34	127.7095	-0.7124	0.0014
20	2.4.2024. 16:41:38	126.9610	-0.7485	0.0014
GMP788	2.4.2024. 16:41:42	127.5358	0.5748	0.0014
21	2.4.2024. 16:41:46	127.3662	-0.1696	0.0015
22	2.4.2024. 16:41:50	127.1922	-0.1740	0.0015
23	2.4.2024. 16:41:54	126.7994	-0.3929	0.0015
GMP789	2.4.2024. 16:41:58	127.0783	0.2789	0.0015
24	2.4.2024. 16:42:02	126.5373	-0.5410	0.0016
25	2.4.2024. 16:42:06	128.3612	1.8239	0.0016

26	2.4.2024. 16:42:10	127.3660	-0.9952	0.0016
GMP790	2.4.2024. 16:42:14	127.8777	0.5117	0.0016
27	2.4.2024. 16:42:18	127.3808	-0.4969	0.0017
28	2.4.2024. 16:42:22	128.5340	1.1532	0.0017
29	2.4.2024. 16:42:26	126.4268	-2.1072	0.0017
30	2.4.2024. 16:42:30	126.6097	0.1829	0.0017
GMP789	2.4.2024. 16:42:34	127.0780	0.4684	0.0018
31	2.4.2024. 16:42:38	126.4711	-0.6069	0.0018
32	2.4.2024. 16:42:42	127.7168	1.2457	0.0018
33	2.4.2024. 16:42:46	127.2815	-0.4353	0.0018
GMP788	2.4.2024. 16:42:50	127.5353	0.2538	0.0019
34	2.4.2024. 16:42:54	127.2769	-0.2584	0.0019
35	2.4.2024. 16:42:58	128.3970	1.1201	0.0019
36	2.4.2024. 16:43:02	128.8153	0.4182	0.0019
GMP787N	2.4.2024. 16:43:06	128.7068	-0.1085	0.0019
37	2.4.2024. 16:43:10	128.6155	-0.0912	0.0020
38	2.4.2024. 16:43:14	128.1118	-0.5037	0.0020
39	2.4.2024. 16:43:18	128.6843	0.5725	0.0020
GMP786N	2.4.2024. 16:43:22	128.7309	0.0466	0.0020
40	2.4.2024. 16:43:26	128.6926	-0.0384	0.0020
41	2.4.2024. 16:43:30	128.4314	-0.2611	0.0021
42	2.4.2024. 16:43:34	127.4388	-0.9926	0.0021
43	2.4.2024. 16:43:38	127.8285	0.3896	0.0021
44	2.4.2024. 16:43:42	128.3836	0.5551	0.0021
45	2.4.2024. 16:43:46	128.5053	0.1217	0.0021
GMP785N	2.4.2024. 16:43:50	128.7167	0.2114	0.0022
46	2.4.2024. 16:43:54	128.7003	-0.0163	0.0022
47	2.4.2024. 16:43:58	128.6571	-0.0432	0.0022
GMP784N	2.4.2024. 16:44:02	128.7281	0.0710	0.0022
48	2.4.2024. 16:44:06	128.6733	-0.0548	0.0022
GMP783N	2.4.2024. 16:44:10	128.7214	0.0481	0.0022
49	2.4.2024. 16:44:14	128.0047	-0.7167	0.0023
50	2.4.2024. 16:44:18	127.9061	-0.0986	0.0023
51	2.4.2024. 16:44:22	127.8397	-0.0664	0.0023
GMP782	2.4.2024. 16:39:58	127.6018	-0.2379	0.0023

Line Tolerances

Allowable Misclosure E = a + b √ L:	0.0101 m
a:	0.0020 m
b:	0.0050 m/√km
L (Level Line Length):	2.6232 km
Height Error / Point:	0.0005 m
Total Distance Balance:	10.0000 m

Observation Tolerances

Double Observation Check:	0.0010 m
Station Difference:	0.0003 m
Max. Sight Distance:	40.0000 m
Min. Ground Clearance:	0.5000 m

Point Height Tolerances

Height Spread:	0.0200 m
Max. Difference From Fixed Height:	0.0100 m

Booking Sheet

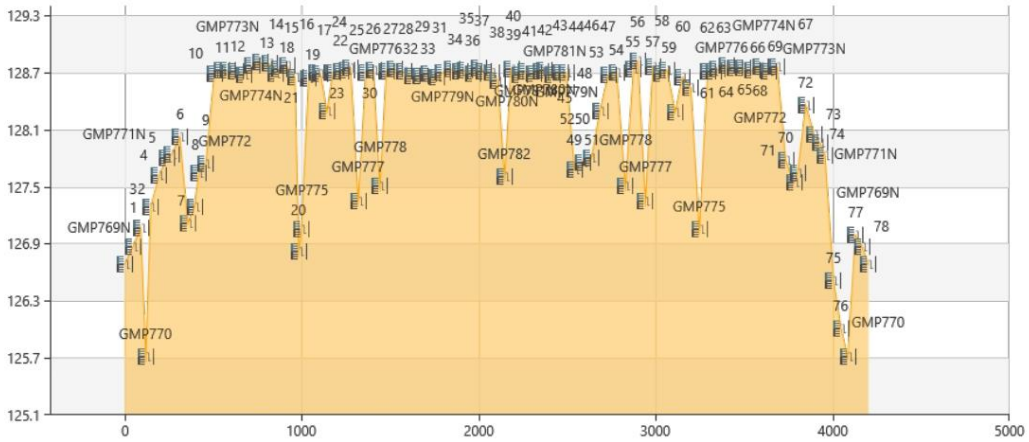
Point Id	Type	BS [m]	IS [m]	FS [m]	Rise [m]	Fall [m]	Hz Dist. [m]	ΔHeight [m]	ΔHeight Corr. [m]	Height [m]	Remark
GMP782		-	-	-	-	-	-	0.0000	0.0000	127.6018	
GMP782	BS1	1.7806	-	-	-	-	14.9935	-	-	-	
1	FS1	-	-	1.4488	0.3318	-	14.1147	-	-	-	
1		-	-	-	-	-	-	0.3318	-	127.9336	
1	BS1	2.2946	-	-	-	-	16.8373	-	-	-	
2	FS1	-	-	1.4142	0.8804	-	16.0907	-	-	-	
2		-	-	-	-	-	-	0.8804	-	128.8140	
2	BS1	1.4412	-	-	-	-	24.1199	-	-	-	
3	FS1	-	-	1.4978	-	0.0566	23.7239	-	-	-	
3		-	-	-	-	-	-	-0.0566	-	128.7574	
3	BS1	1.3668	-	-	-	-	22.2550	-	-	-	
4	FS1	-	-	1.4154	-	0.0486	21.8419	-	-	-	
4		-	-	-	-	-	-	-0.0486	-	128.7088	
4	BS1	1.4542	-	-	-	-	11.1888	-	-	-	
GMP783N	FS1	-	-	1.4405	0.0138	-	11.1459	-	-	-	
GMP783N		-	-	-	-	-	-	0.0138	-	128.7225	
GMP783N	BS1	1.3537	-	-	-	-	23.2228	-	-	-	
5	FS1	-	-	1.3906	-	0.0369	22.6604	-	-	-	
5		-	-	-	-	-	-	-0.0369	-	128.6856	
5	BS1	1.4075	-	-	-	-	11.3451	-	-	-	
GMP784N	FS1	-	-	1.3640	0.0436	-	11.2533	-	-	-	
GMP784N		-	-	-	-	-	-	0.0436	-	128.7292	
GMP784N	BS1	1.4399	-	-	-	-	24.3000	-	-	-	
6	FS1	-	-	1.4623	-	0.0223	24.3269	-	-	-	
6		-	-	-	-	-	-	-0.0223	-	128.7069	
6	BS1	1.4888	-	-	-	-	24.2376	-	-	-	

7	FS1	-	-	1.6956	-	0.2068	24.4892	-0.2068	-	128.5001	
7	BS1	1.5253	-	-	-	-	12.5971	-	-	-	
GMP785N	FS1	-	-	1.3076	0.2177	-	12.7526	-	-	-	
GMP785N		-	-	-	-	-	-	0.2177	-	128.7177	
GMP785N	BS1	1.3287	-	-	-	-	24.0112	-	-	-	
8	FS1	-	-	1.6985	-	0.3698	24.2704	-	-	-	
8		-	-	-	-	-	-	-0.3698	-	128.3479	
8	BS1	1.0360	-	-	-	-	19.3313	-	-	-	
9	FS1	-	-	1.5026	-	0.4667	19.2359	-	-	-	
9		-	-	-	-	-	-	-0.4667	-	127.8812	
9	BS1	1.3401	-	-	-	-	24.6374	-	-	-	
10	FS1	-	-	1.8720	-	0.5319	25.0261	-	-	-	
10		-	-	-	-	-	-	-0.5319	-	127.3493	
10	BS1	1.3115	-	-	-	-	15.7787	-	-	-	
11	FS1	-	-	1.1519	0.1595	-	14.6413	-	-	-	
11		-	-	-	-	-	-	0.1595	-	127.5089	
11	BS1	2.4688	-	-	-	-	21.8669	-	-	-	
12	FS1	-	-	1.2427	1.2262	-	22.9024	-	-	-	
12		-	-	-	-	-	-	1.2262	-	128.7350	
12	BS1	1.3508	-	-	-	-	20.0589	-	-	-	
13	FS1	-	-	1.3822	-	0.0314	19.3347	-	-	-	
13		-	-	-	-	-	-	-0.0314	-	128.7036	
13	BS1	1.3343	-	-	-	-	11.9749	-	-	-	
GMP786N	FS1	-	-	1.3063	0.0280	-	11.9085	-	-	-	
GMP786N		-	-	-	-	-	-	0.0280	-	128.7315	
GMP786N	BS1	1.3682	-	-	-	-	24.3469	-	-	-	
14	FS1	-	-	1.5663	-	0.1981	24.9815	-	-	-	
14		-	-	-	-	-	-	-0.1981	-	128.5334	
14	BS1	0.9721	-	-	-	-	26.1439	-	-	-	
15	FS1	-	-	1.0544	-	0.0823	25.8117	-	-	-	
15		-	-	-	-	-	-	-0.0823	-	128.4511	
15	BS1	1.7152	-	-	-	-	23.6627	-	-	-	
16	FS1	-	-	1.3888	0.3263	-	23.6246	-	-	-	
16		-	-	-	-	-	-	0.3263	-	128.7775	
16	BS1	1.3629	-	-	-	-	9.7189	-	-	-	
GMP787N	FS1	-	-	1.4328	-	0.0699	9.3619	-	-	-	
GMP787N		-	-	-	-	-	-	-0.0699	-	128.7076	
GMP787N	BS1	1.4509	-	-	-	-	24.3511	-	-	-	
17	FS1	-	-	1.3623	0.0886	-	23.4174	-	-	-	
17		-	-	-	-	-	-	0.0886	-	128.7962	
17	BS1	1.1629	-	-	-	-	24.4870	-	-	-	
18	FS1	-	-	1.5372	-	0.3743	23.9233	-	-	-	
18		-	-	-	-	-	-	-0.3743	-	128.4219	
18	BS1	1.1333	-	-	-	-	13.5342	-	-	-	
19	FS1	-	-	1.8457	-	0.7124	13.5637	-	-	-	
19		-	-	-	-	-	-	-0.7124	-	127.7095	
19	BS1	0.8612	-	-	-	-	21.8278	-	-	-	
20	FS1	-	-	1.6098	-	0.7485	22.5244	-	-	-	
20		-	-	-	-	-	-	-0.7485	-	126.9610	
20	BS1	1.5950	-	-	-	-	7.0761	-	-	-	
GMP788	FS1	-	-	1.0202	0.5748	-	8.1854	-	-	-	
GMP788		-	-	-	-	-	-	0.5748	-	127.5358	
GMP788	BS1	1.4765	-	-	-	-	20.8175	-	-	-	
21	FS1	-	-	1.6461	-	0.1696	20.6686	-	-	-	
21		-	-	-	-	-	-	-0.1696	-	127.3662	
21	BS1	1.6858	-	-	-	-	24.2482	-	-	-	
22	FS1	-	-	1.8598	-	0.1740	24.2261	-	-	-	
22		-	-	-	-	-	-	-0.1740	-	127.1922	
22	BS1	3.0005	-	-	-	-	17.3383	-	-	-	
23	FS1	-	-	3.3933	-	0.3929	16.4387	-	-	-	
23		-	-	-	-	-	-	-0.3929	-	126.7994	
23	BS1	1.4627	-	-	-	-	13.9102	-	-	-	
GMP789	FS1	-	-	1.1838	0.2789	-	14.3799	-	-	-	
GMP789		-	-	-	-	-	-	0.2789	-	127.0783	
GMP789	BS1	0.9306	-	-	-	-	19.1730	-	-	-	
24	FS1	-	-	1.4716	-	0.5410	18.4219	-	-	-	
24		-	-	-	-	-	-	-0.5410	-	126.5373	
24	BS1	2.6383	-	-	-	-	21.0423	-	-	-	
25	FS1	-	-	0.8144	1.8239	-	21.3915	-	-	-	
25		-	-	-	-	-	-	1.8239	-	128.3612	
25	BS1	1.6100	-	-	-	-	25.8937	-	-	-	
26	FS1	-	-	2.6052	-	0.9952	25.1669	-	-	-	
26		-	-	-	-	-	-	-0.9952	-	127.3660	

26	BS1	1.3040	-	-	-	-	21.2761	-	-	-	
GMP790	FS1	-	-	0.7924	0.5117	-	23.7023	-	-	-	
GMP790		-	-	-	-	-	-	0.5117	-	127.8777	
GMP790	BS1	0.7924	-	-	-	-	23.7065	-	-	-	
27	FS1	-	-	1.2893	-	0.4969	21.9863	-	-	-	
27		-	-	-	-	-	-	-0.4969	-	127.3808	
27	BS1	2.7122	-	-	-	-	18.4377	-	-	-	
28	FS1	-	-	1.5589	1.1532	-	18.8709	-	-	-	
28		-	-	-	-	-	-	1.1532	-	128.5340	
28	BS1	1.3068	-	-	-	-	19.4630	-	-	-	
29	FS1	-	-	3.4140	-	2.1072	18.4570	-	-	-	
29		-	-	-	-	-	-	-2.1072	-	126.4268	
29	BS1	1.5435	-	-	-	-	21.6292	-	-	-	
30	FS1	-	-	1.3606	0.1829	-	21.2902	-	-	-	
30		-	-	-	-	-	-	0.1829	-	126.6097	
30	BS1	1.6729	-	-	-	-	9.2429	-	-	-	
GMP789	FS1	-	-	1.2045	0.4684	-	9.4558	-	-	-	
GMP789		-	-	-	-	-	-	0.4684	-	127.0780	
GMP789	BS1	0.5860	-	-	-	-	17.9345	-	-	-	
31	FS1	-	-	1.1929	-	0.6069	16.8371	-	-	-	
31		-	-	-	-	-	-	-0.6069	-	126.4711	
31	BS1	3.6816	-	-	-	-	21.3663	-	-	-	
32	FS1	-	-	2.4359	1.2457	-	21.1122	-	-	-	
32		-	-	-	-	-	-	1.2457	-	127.7168	
32	BS1	1.2296	-	-	-	-	16.9913	-	-	-	
33	FS1	-	-	1.6649	-	0.4353	16.5028	-	-	-	
33		-	-	-	-	-	-	-0.4353	-	127.2815	
33	BS1	1.1764	-	-	-	-	11.1355	-	-	-	
GMP788	FS1	-	-	0.9226	0.2538	-	11.8443	-	-	-	
GMP788		-	-	-	-	-	-	0.2538	-	127.5353	
GMP788	BS1	0.7440	-	-	-	-	19.5403	-	-	-	
34	FS1	-	-	1.0024	-	0.2584	19.5498	-	-	-	
34		-	-	-	-	-	-	-0.2584	-	127.2769	
34	BS1	1.8404	-	-	-	-	22.6417	-	-	-	
35	FS1	-	-	0.7203	1.1201	-	22.0697	-	-	-	
35		-	-	-	-	-	-	1.1201	-	128.3970	
35	BS1	1.7778	-	-	-	-	24.0977	-	-	-	
36	FS1	-	-	1.3595	0.4182	-	24.5032	-	-	-	
36		-	-	-	-	-	-	0.4182	-	128.8153	
36	BS1	1.4292	-	-	-	-	19.7992	-	-	-	
GMP787N	FS1	-	-	1.5377	-	0.1085	19.3938	-	-	-	
GMP787N		-	-	-	-	-	-	-0.1085	-	128.7068	
GMP787N	BS1	1.4804	-	-	-	-	24.2245	-	-	-	
37	FS1	-	-	1.5717	-	0.0912	24.5551	-	-	-	
37		-	-	-	-	-	-	-0.0912	-	128.6155	
37	BS1	0.6773	-	-	-	-	24.4121	-	-	-	
38	FS1	-	-	1.1810	-	0.5037	24.8204	-	-	-	
38		-	-	-	-	-	-	-0.5037	-	128.1118	
38	BS1	1.7834	-	-	-	-	23.3618	-	-	-	
39	FS1	-	-	1.2109	0.5725	-	24.0472	-	-	-	
39		-	-	-	-	-	-	0.5725	-	128.6843	
39	BS1	1.4663	-	-	-	-	11.5738	-	-	-	
GMP786N	FS1	-	-	1.4196	0.0466	-	11.6453	-	-	-	
GMP786N		-	-	-	-	-	-	0.0466	-	128.7309	
GMP786N	BS1	1.4391	-	-	-	-	23.2269	-	-	-	
40	FS1	-	-	1.4774	-	0.0383	22.8958	-	-	-	
40		-	-	-	-	-	-	-0.0383	-	128.6926	
40	BS1	1.3525	-	-	-	-	23.2470	-	-	-	
41	FS1	-	-	1.6137	-	0.2611	23.0472	-	-	-	
41		-	-	-	-	-	-	-0.2611	-	128.4314	
41	BS1	1.0781	-	-	-	-	13.5715	-	-	-	
42	FS1	-	-	2.0708	-	0.9926	12.6767	-	-	-	
42		-	-	-	-	-	-	-0.9926	-	127.4388	
42	BS1	1.1892	-	-	-	-	21.7232	-	-	-	
43	FS1	-	-	0.7996	0.3896	-	21.9874	-	-	-	
43		-	-	-	-	-	-	0.3896	-	127.8285	
43	BS1	1.4266	-	-	-	-	23.6319	-	-	-	
44	FS1	-	-	0.8715	0.5551	-	23.1377	-	-	-	
44		-	-	-	-	-	-	0.5551	-	128.3836	
44	BS1	1.4344	-	-	-	-	12.8899	-	-	-	
45	FS1	-	-	1.3127	0.1217	-	13.8409	-	-	-	
45		-	-	-	-	-	-	0.1217	-	128.5053	
45	BS1	1.3870	-	-	-	-	20.1376	-	-	-	

GMP785N	FS1	-	-	1.1756	0.2114	-	19.2721		-		
GMP785N		-	-	-	-	-	-	0.2114	-	128.7167	
GMP785N	BS1	1.1722	-	-	-	-	24.6184	-	-	-	
46	FS1	-	-	1.1886	-	0.0164	24.3475	-	-	-	
46		-	-	-	-	-	-	-0.0164	-	128.7003	
46	BS1	1.3627	-	-	-	-	22.4835	-	-	-	
47	FS1	-	-	1.4059	-	0.0432	22.7327	-	-	-	
47		-	-	-	-	-	-	-0.0432	-	128.6571	
47	BS1	1.4509	-	-	-	-	14.3301	-	-	-	
GMP784N	FS1	-	-	1.3799	0.0710	-	14.7882	-	-	-	
GMP784N		-	-	-	-	-	-	0.0710	-	128.7281	
GMP784N	BS1	1.3009	-	-	-	-	19.0509	-	-	-	
48	FS1	-	-	1.3557	-	0.0548	19.0098	-	-	-	
48		-	-	-	-	-	-	-0.0548	-	128.6733	
48	BS1	1.3595	-	-	-	-	15.3227	-	-	-	
GMP783N	FS1	-	-	1.3114	0.0481	-	15.6804	-	-	-	
GMP783N		-	-	-	-	-	-	0.0481	-	128.7214	
GMP783N	BS1	1.2498	-	-	-	-	22.2789	-	-	-	
49	FS1	-	-	1.9665	-	0.7167	22.3843	-	-	-	
49		-	-	-	-	-	-	-0.7167	-	128.0047	
49	BS1	1.3216	-	-	-	-	23.9379	-	-	-	
50	FS1	-	-	1.4203	-	0.0986	24.3048	-	-	-	
50		-	-	-	-	-	-	-0.0986	-	127.9061	
50	BS1	1.1578	-	-	-	-	24.4395	-	-	-	
51	FS1	-	-	1.2242	-	0.0664	24.5057	-	-	-	
51		-	-	-	-	-	-	-0.0664	-	127.8397	
51	BS1	1.4944	-	-	-	-	17.9216	-	-	-	
GMP782	FS1	-	-	1.7331	-	0.2387	18.1837	-	-	-	
GMP782		-	-	-	-	-	-	-0.2387	-	127.6018	

Level Line Id: Line 002



General

Date/Time	2.4.2024. 16:32:54	Instrument Type:	
Staff One Id:	-	Method:	BF
Staff Two Id:	-	Stations:	104
Start Point:	GMP769N	Observations:	208
End Point:	GMP769N		

Results

Height Difference:	-0.0053 m	Height Error / Point:	-0.0001 m
Length:	4203.5244 m	Total Distance Balance:	-9.6704 m
Misclosure:	**-0.0053 m**	Total Station Difference:	-

Processing Parameters

Adjustment Method:	No Adjustment
Staff Corrections:	Not Applied

Points

Point Id	Date/Time	Height [m]	ΔHeight [m]	SD [m]
GMP769N	2.4.2024. 16:32:55	126.6830	-	0.0029
1	2.4.2024. 16:32:59	126.8687	0.1857	0.0003

2	2.4.2024. 16:33:03	127.0673	0.1985	0.0004
GMP770	2.4.2024. 16:33:07	125.7144	-1.3529	0.0005
3	2.4.2024. 16:33:11	127.2874	1.5730	0.0006
4	2.4.2024. 16:33:15	127.6184	0.3311	0.0006
5	2.4.2024. 16:33:19	127.8002	0.1818	0.0007
GMP771N	2.4.2024. 16:33:23	127.8377	0.0376	0.0007
6	2.4.2024. 16:33:27	128.0242	0.1864	0.0008
7	2.4.2024. 16:33:31	127.1123	-0.9119	0.0008
8	2.4.2024. 16:33:35	127.2865	0.1742	0.0009
GMP772	2.4.2024. 16:33:39	127.6481	0.3616	0.0009
9	2.4.2024. 16:33:43	127.7441	0.0960	0.0010
10	2.4.2024. 16:33:47	128.6909	0.9468	0.0010
11	2.4.2024. 16:33:51	128.7277	0.0368	0.0011
GMP773N	2.4.2024. 16:33:55	128.7202	-0.0075	0.0011
12	2.4.2024. 16:33:59	128.7113	-0.0088	0.0011
13	2.4.2024. 16:34:03	128.6691	-0.0423	0.0012
14	2.4.2024. 16:34:07	128.7687	0.0997	0.0012
15	2.4.2024. 16:34:11	128.8043	0.0356	0.0012
16	2.4.2024. 16:34:15	128.7926	-0.0118	0.0013
17	2.4.2024. 16:34:19	128.6872	-0.1053	0.0013
GMP774N	2.4.2024. 16:34:23	128.7348	0.0476	0.0013
18	2.4.2024. 16:34:27	128.7698	0.0350	0.0014
19	2.4.2024. 16:34:31	128.6518	-0.1180	0.0014
20	2.4.2024. 16:34:35	126.8196	-1.8322	0.0014
GMP775	2.4.2024. 16:34:39	127.0518	0.2322	0.0014
21	2.4.2024. 16:34:43	128.6334	1.5816	0.0015
22	2.4.2024. 16:34:47	128.6951	0.0617	0.0015
23	2.4.2024. 16:34:51	128.6857	-0.0094	0.0015
GMP776	2.4.2024. 16:34:55	128.2896	-0.3961	0.0015
24	2.4.2024. 16:34:59	128.7042	0.4146	0.0016
25	2.4.2024. 16:35:03	128.7116	0.0074	0.0016
26	2.4.2024. 16:35:07	128.7263	0.0147	0.0016
27	2.4.2024. 16:35:11	128.7499	0.0236	0.0016
GMP777	2.4.2024. 16:35:15	127.3530	-1.3970	0.0017
28	2.4.2024. 16:35:19	128.7047	1.3517	0.0017
29	2.4.2024. 16:35:23	128.7191	0.0144	0.0017
GMP778	2.4.2024. 16:35:27	127.5073	-1.2118	0.0017
30	2.4.2024. 16:35:31	128.7152	1.2078	0.0018
31	2.4.2024. 16:35:35	128.7349	0.0197	0.0018
32	2.4.2024. 16:35:39	128.7101	-0.0248	0.0018
33	2.4.2024. 16:35:43	128.6666	-0.0435	0.0018
34	2.4.2024. 16:35:47	128.6601	-0.0065	0.0019
35	2.4.2024. 16:35:51	128.6838	0.0236	0.0019
36	2.4.2024. 16:35:55	128.6532	-0.0306	0.0019
GMP779N	2.4.2024. 16:35:59	128.7013	0.0481	0.0019
37	2.4.2024. 16:36:03	128.7352	0.0339	0.0019
38	2.4.2024. 16:36:07	128.7081	-0.0271	0.0020
GMP780N	2.4.2024. 16:36:11	128.7214	0.0133	0.0020
39	2.4.2024. 16:36:15	128.6819	-0.0395	0.0020
40	2.4.2024. 16:36:19	128.7488	0.0669	0.0020
GMP781N	2.4.2024. 16:36:23	128.7174	-0.0314	0.0020
41	2.4.2024. 16:36:27	128.7046	-0.0128	0.0021
42	2.4.2024. 16:36:31	128.6167	-0.0879	0.0021
GMP782	2.4.2024. 16:36:35	127.6018	-1.0149	0.0021
43	2.4.2024. 16:36:39	128.7423	1.1405	0.0021
44	2.4.2024. 16:36:43	128.6705	-0.0718	0.0021
GMP781N	2.4.2024. 16:36:47	128.7164	0.0458	0.0022
45	2.4.2024. 16:36:51	128.6842	-0.0322	0.0022
46	2.4.2024. 16:36:55	128.7110	0.0269	0.0022
GMP780N	2.4.2024. 16:36:59	128.7204	0.0094	0.0022
47	2.4.2024. 16:37:03	128.6807	-0.0397	0.0022
48	2.4.2024. 16:37:07	128.6974	0.0167	0.0022
GMP779N	2.4.2024. 16:37:11	128.6995	0.0021	0.0023
49	2.4.2024. 16:37:15	127.6811	-1.0184	0.0023
50	2.4.2024. 16:37:19	127.7486	0.0675	0.0023
51	2.4.2024. 16:37:23	127.7982	0.0496	0.0023
52	2.4.2024. 16:37:27	128.2983	0.5001	0.0023
53	2.4.2024. 16:37:31	128.6701	0.3718	0.0023
54	2.4.2024. 16:37:35	128.7031	0.0331	0.0024
GMP778	2.4.2024. 16:37:39	127.5044	-1.1988	0.0024
55	2.4.2024. 16:37:43	128.7388	1.2344	0.0024
56	2.4.2024. 16:37:47	128.8232	0.0844	0.0024
GMP777	2.4.2024. 16:37:51	127.3497	-1.4734	0.0024

57	2.4.2024. 16:37:55	128.7636	1.4138	0.0024
58	2.4.2024. 16:37:59	128.6858	-0.0778	0.0025
59	2.4.2024. 16:38:03	128.7295	0.0437	0.0025
GMP776	2.4.2024. 16:38:07	128.2854	-0.4441	0.0025
60	2.4.2024. 16:38:11	128.6533	0.3679	0.0025
61	2.4.2024. 16:38:15	128.5418	-0.1115	0.0025
GMP775	2.4.2024. 16:38:19	127.0479	-1.4938	0.0025
62	2.4.2024. 16:38:23	128.7083	1.6604	0.0026
63	2.4.2024. 16:38:27	128.7063	-0.0021	0.0026
GMP774N	2.4.2024. 16:38:31	128.7308	0.0245	0.0026
64	2.4.2024. 16:38:35	128.7744	0.0436	0.0026
65	2.4.2024. 16:38:39	128.7490	-0.0253	0.0026
66	2.4.2024. 16:38:43	128.7461	-0.0029	0.0026
67	2.4.2024. 16:38:47	128.7249	-0.0212	0.0027
68	2.4.2024. 16:38:51	128.7609	0.0360	0.0027
GMP773N	2.4.2024. 16:38:55	128.7156	-0.0453	0.0027
69	2.4.2024. 16:38:59	128.7566	0.0410	0.0027
70	2.4.2024. 16:39:03	127.7768	-0.9798	0.0027
71	2.4.2024. 16:39:07	127.5402	-0.2366	0.0027
GMP772	2.4.2024. 16:39:11	127.6437	0.1035	0.0027
72	2.4.2024. 16:39:15	128.3559	0.7121	0.0028
73	2.4.2024. 16:39:19	128.0431	-0.3128	0.0028
74	2.4.2024. 16:39:23	127.9620	-0.0811	0.0028
GMP771N	2.4.2024. 16:39:27	127.8328	-0.1292	0.0028
75	2.4.2024. 16:39:31	126.5133	-1.3195	0.0028
76	2.4.2024. 16:39:35	126.0147	-0.4986	0.0028
GMP770	2.4.2024. 16:39:39	125.7101	-0.3046	0.0028
77	2.4.2024. 16:39:43	126.9949	1.2848	0.0029
78	2.4.2024. 16:39:47	126.8735	-0.1215	0.0029
GMP769N	2.4.2024. 16:32:55	126.6830	-0.1904	0.0029

Line Tolerances

Allowable Misclosure E = a + b √ L:	0.0123 m
a:	0.0020 m
b:	0.0050 m/√km
L (Level Line Length):	4.2035 km
Height Error / Point:	0.0005 m
Total Distance Balance:	10.0000 m

Observation Tolerances

Double Observation Check:	0.0010 m
Station Difference:	0.0003 m
Max. Sight Distance:	40.0000 m
Min. Ground Clearance:	0.5000 m

Point Height Tolerances

Height Spread:	0.0200 m
Max. Difference From Fixed Height:	0.0100 m

Booking Sheet

Point Id	Type	BS [m]	IS [m]	FS [m]	Rise [m]	Fall [m]	Hz Dist. [m]	ΔHeight [m]	ΔHeight Corr. [m]	Height [m]	Remark
GMP769N		-	-	-	-	-	-	0.0000	0.0000	126.6830	
GMP769N	BS1	1.5293	-	-	-	-	23.7007	-	-	-	
1	FS1	-	-	1.3436	0.1857	-	23.9240	-	-	-	
1		-	-	-	-	-	-	0.1857	-	126.8687	
1	BS1	1.5345	-	-	-	-	22.9270	-	-	-	
2	FS1	-	-	1.3359	0.1986	-	21.7908	-	-	-	
2		-	-	-	-	-	-	0.1986	-	127.0673	
2	BS1	1.4408	-	-	-	-	13.8459	-	-	-	
GMP770	FS1	-	-	2.7937	-	1.3529	14.2569	-	-	-	
GMP770		-	-	-	-	-	-	-1.3529	-	125.7144	
GMP770	BS1	2.7937	-	-	-	-	14.2567	-	-	-	
3	FS1	-	-	1.2207	1.5730	-	14.1331	-	-	-	
3		-	-	-	-	-	-	1.5730	-	127.2874	
3	BS1	1.5793	-	-	-	-	23.6913	-	-	-	
4	FS1	-	-	1.2482	0.3311	-	23.2136	-	-	-	
4		-	-	-	-	-	-	0.3311	-	127.6184	
4	BS1	1.4075	-	-	-	-	21.1491	-	-	-	
5	FS1	-	-	1.2257	0.1818	-	21.5149	-	-	-	
5		-	-	-	-	-	-	0.1818	-	127.8002	
5	BS1	1.4105	-	-	-	-	13.9242	-	-	-	
GMP771N	FS1	-	-	1.3730	0.0376	-	13.4935	-	-	-	
GMP771N		-	-	-	-	-	-	0.0376	-	127.8377	
GMP771N	BS1	1.5299	-	-	-	-	23.0747	-	-	-	
6	FS1	-	-	1.3435	0.1864	-	23.9677	-	-	-	
6		-	-	-	-	-	-	0.1864	-	128.0242	
6	BS1	1.4526	-	-	-	-	22.8565	-	-	-	
7	FS1	-	-	2.3645	-	0.9119	22.6228	-	-	-	
7		-	-	-	-	-	-	-0.9119	-	127.1123	
7	BS1	1.5042	-	-	-	-	18.6679	-	-	-	
8	FS1	-	-	1.3300	0.1742	-	18.8747	-	-	-	
8		-	-	-	-	-	-	0.1742	-	127.2865	
8	BS1	1.4940	-	-	-	-	11.9654	-	-	-	

GMP772	FS1	-	-	1.1324	0.3616	-	12.2063	-	-	-	
GMP772		-	-	-	-	-	-	0.3616	-	127.6481	
GMP772	BS1	1.3384	-	-	-	-	19.7465	-	-	-	
9	FS1	-	-	1.2425	0.0960	-	19.9928	-	-	-	
9		-	-	-	-	-	-	0.0960	-	127.7441	
9	BS1	1.5272	-	-	-	-	24.2853	-	-	-	
10	FS1	-	-	0.5804	0.9468	-	24.0624	-	-	-	
10		-	-	-	-	-	-	0.9468	-	128.6909	
10	BS1	1.5138	-	-	-	-	22.8581	-	-	-	
11	FS1	-	-	1.4770	0.0368	-	21.8752	-	-	-	
11		-	-	-	-	-	-	0.0368	-	128.7277	
11	BS1	1.4913	-	-	-	-	14.5307	-	-	-	
GMP773N	FS1	-	-	1.4988	-	0.0075	13.3249	-	-	-	
GMP773N		-	-	-	-	-	-	-0.0075	-	128.7202	
GMP773N	BS1	1.5083	-	-	-	-	24.0728	-	-	-	
12	FS1	-	-	1.5172	-	0.0088	23.5336	-	-	-	
12		-	-	-	-	-	-	-0.0088	-	128.7113	
12	BS1	1.4722	-	-	-	-	23.8708	-	-	-	
13	FS1	-	-	1.5145	-	0.0423	23.3427	-	-	-	
13		-	-	-	-	-	-	-0.0423	-	128.6691	
13	BS1	1.4493	-	-	-	-	23.6688	-	-	-	
14	FS1	-	-	1.3496	0.0997	-	24.6546	-	-	-	
14		-	-	-	-	-	-	0.0997	-	128.7687	
14	BS1	1.4926	-	-	-	-	23.3150	-	-	-	
15	FS1	-	-	1.4570	0.0356	-	23.5377	-	-	-	
15		-	-	-	-	-	-	0.0356	-	128.8043	
15	BS1	1.3668	-	-	-	-	23.8557	-	-	-	
16	FS1	-	-	1.3786	-	0.0118	24.2310	-	-	-	
16		-	-	-	-	-	-	-0.0118	-	128.7926	
16	BS1	1.4020	-	-	-	-	16.1478	-	-	-	
17	FS1	-	-	1.5073	-	0.1054	16.3301	-	-	-	
17		-	-	-	-	-	-	-0.1054	-	128.6872	
17	BS1	1.4549	-	-	-	-	10.1782	-	-	-	
GMP774N	FS1	-	-	1.4073	0.0476	-	9.5973	-	-	-	
GMP774N		-	-	-	-	-	-	0.0476	-	128.7348	
GMP774N	BS1	1.4340	-	-	-	-	22.6690	-	-	-	
18	FS1	-	-	1.3991	0.0350	-	23.2538	-	-	-	
18		-	-	-	-	-	-	0.0350	-	128.7698	
18	BS1	1.3122	-	-	-	-	22.8567	-	-	-	
19	FS1	-	-	1.4302	-	0.1180	23.6671	-	-	-	
19		-	-	-	-	-	-	-0.1180	-	128.6518	
19	BS1	1.3136	-	-	-	-	10.7012	-	-	-	
20	FS1	-	-	3.1458	-	1.8322	10.5641	-	-	-	
20		-	-	-	-	-	-	-1.8322	-	126.8196	
20	BS1	1.4270	-	-	-	-	7.1350	-	-	-	
GMP775	FS1	-	-	1.1948	0.2322	-	7.4919	-	-	-	
GMP775		-	-	-	-	-	-	0.2322	-	127.0518	
GMP775	BS1	3.0155	-	-	-	-	20.8992	-	-	-	
21	FS1	-	-	1.4339	1.5816	-	20.8736	-	-	-	
21		-	-	-	-	-	-	1.5816	-	128.6334	
21	BS1	1.4559	-	-	-	-	23.5621	-	-	-	
22	FS1	-	-	1.3943	0.0617	-	23.5380	-	-	-	
22		-	-	-	-	-	-	0.0617	-	128.6951	
22	BS1	1.3723	-	-	-	-	9.4772	-	-	-	
23	FS1	-	-	1.3817	-	0.0094	9.8504	-	-	-	
23		-	-	-	-	-	-	-0.0094	-	128.6857	
23	BS1	1.5050	-	-	-	-	18.0236	-	-	-	
GMP776	FS1	-	-	1.9011	-	0.3961	18.1360	-	-	-	
GMP776		-	-	-	-	-	-	-0.3961	-	128.2896	
GMP776	BS1	1.9011	-	-	-	-	18.1348	-	-	-	
24	FS1	-	-	1.4865	0.4146	-	17.8280	-	-	-	
24		-	-	-	-	-	-	0.4146	-	128.7042	
24	BS1	1.4839	-	-	-	-	23.2023	-	-	-	
25	FS1	-	-	1.4765	0.0074	-	23.5745	-	-	-	
25		-	-	-	-	-	-	0.0074	-	128.7116	
25	BS1	1.4584	-	-	-	-	16.5243	-	-	-	
26	FS1	-	-	1.4437	0.0147	-	16.4869	-	-	-	
26		-	-	-	-	-	-	0.0147	-	128.7263	
26	BS1	1.5080	-	-	-	-	8.7559	-	-	-	
27	FS1	-	-	1.4844	0.0236	-	9.3068	-	-	-	
27		-	-	-	-	-	-	0.0236	-	128.7499	
27	BS1	1.5230	-	-	-	-	21.8267	-	-	-	
GMP777	FS1	-	-	2.9199	-	1.3970	21.3456	-	-	-	

GMP777		-	-	-	-	-	-	-1.3970	-	127.3530	
GMP777	BS1	2.9198	-	-	-	-	21.3455	-	-	-	
28	FS1	-	-	1.5681	1.3517	-	22.4569	-	-	-	
28		-	-	-	-	-	-	1.3517	-	128.7047	
28	BS1	1.4780	-	-	-	-	20.5682	-	-	-	
29	FS1	-	-	1.4636	0.0144	-	20.8023	-	-	-	
29		-	-	-	-	-	-	0.0144	-	128.7191	
29	BS1	1.3949	-	-	-	-	18.3157	-	-	-	
GMP778	FS1	-	-	2.6068	-	1.2118	18.5929	-	-	-	
GMP778		-	-	-	-	-	-	-1.2118	-	127.5073	
GMP778	BS1	2.6068	-	-	-	-	18.5951	-	-	-	
30	FS1	-	-	1.3989	1.2078	-	18.7601	-	-	-	
30		-	-	-	-	-	-	1.2078	-	128.7152	
30	BS1	1.4442	-	-	-	-	23.9940	-	-	-	
31	FS1	-	-	1.4245	0.0197	-	24.2085	-	-	-	
31		-	-	-	-	-	-	0.0197	-	128.7349	
31	BS1	1.4910	-	-	-	-	24.4706	-	-	-	
32	FS1	-	-	1.5158	-	0.0248	25.0283	-	-	-	
32		-	-	-	-	-	-	-0.0248	-	128.7101	
32	BS1	1.4405	-	-	-	-	22.8194	-	-	-	
33	FS1	-	-	1.4840	-	0.0435	23.1694	-	-	-	
33		-	-	-	-	-	-	-0.0435	-	128.6666	
33	BS1	1.5152	-	-	-	-	23.5429	-	-	-	
34	FS1	-	-	1.5216	-	0.0065	24.1642	-	-	-	
34		-	-	-	-	-	-	-0.0065	-	128.6601	
34	BS1	1.4730	-	-	-	-	23.7790	-	-	-	
35	FS1	-	-	1.4493	0.0236	-	23.8646	-	-	-	
35		-	-	-	-	-	-	0.0236	-	128.6838	
35	BS1	1.4216	-	-	-	-	24.5050	-	-	-	
36	FS1	-	-	1.4522	-	0.0306	24.6378	-	-	-	
36		-	-	-	-	-	-	-0.0306	-	128.6532	
36	BS1	1.4181	-	-	-	-	15.4018	-	-	-	
GMP779N	FS1	-	-	1.3699	0.0482	-	15.6599	-	-	-	
GMP779N		-	-	-	-	-	-	0.0482	-	128.7013	
GMP779N	BS1	1.4757	-	-	-	-	24.9500	-	-	-	
37	FS1	-	-	1.4418	0.0339	-	25.0623	-	-	-	
37		-	-	-	-	-	-	0.0339	-	128.7352	
37	BS1	1.4263	-	-	-	-	22.3025	-	-	-	
38	FS1	-	-	1.4534	-	0.0271	24.1863	-	-	-	
38		-	-	-	-	-	-	-0.0271	-	128.7081	
38	BS1	1.3799	-	-	-	-	13.2850	-	-	-	
GMP780N	FS1	-	-	1.3666	0.0133	-	14.3281	-	-	-	
GMP780N		-	-	-	-	-	-	0.0133	-	128.7214	
GMP780N	BS1	1.3610	-	-	-	-	24.5419	-	-	-	
39	FS1	-	-	1.4005	-	0.0395	24.6223	-	-	-	
39		-	-	-	-	-	-	-0.0395	-	128.6819	
39	BS1	1.2985	-	-	-	-	14.6606	-	-	-	
40	FS1	-	-	1.2316	0.0669	-	14.7353	-	-	-	
40		-	-	-	-	-	-	0.0669	-	128.7488	
40	BS1	1.3491	-	-	-	-	13.0256	-	-	-	
GMP781N	FS1	-	-	1.3805	-	0.0314	12.8127	-	-	-	
GMP781N		-	-	-	-	-	-	-0.0314	-	128.7174	
GMP781N	BS1	1.3657	-	-	-	-	23.9324	-	-	-	
41	FS1	-	-	1.3785	-	0.0128	24.2762	-	-	-	
41		-	-	-	-	-	-	-0.0128	-	128.7046	
41	BS1	1.3596	-	-	-	-	16.2538	-	-	-	
42	FS1	-	-	1.4476	-	0.0879	16.9882	-	-	-	
42		-	-	-	-	-	-	-0.0879	-	128.6167	
42	BS1	1.3906	-	-	-	-	18.6844	-	-	-	
GMP782	FS1	-	-	2.4055	-	1.0149	19.4873	-	-	-	
GMP782		-	-	-	-	-	-	-1.0149	-	127.6018	
GMP782	BS1	2.4055	-	-	-	-	19.4854	-	-	-	
43	FS1	-	-	1.2650	1.1405	-	18.5976	-	-	-	
43		-	-	-	-	-	-	1.1405	-	128.7423	
43	BS1	1.3449	-	-	-	-	24.1475	-	-	-	
44	FS1	-	-	1.4167	-	0.0718	24.6150	-	-	-	
44		-	-	-	-	-	-	-0.0718	-	128.6705	
44	BS1	1.4015	-	-	-	-	15.9005	-	-	-	
GMP781N	FS1	-	-	1.3557	0.0458	-	16.2591	-	-	-	
GMP781N		-	-	-	-	-	-	0.0458	-	128.7164	
GMP781N	BS1	1.3706	-	-	-	-	24.3642	-	-	-	
45	FS1	-	-	1.4028	-	0.0322	23.8554	-	-	-	
45		-	-	-	-	-	-	-0.0322	-	128.6842	

45	BS1	1.3084	-	-	-	-	18.3928	-	-	-	
46	FS1	-	-	1.2816	0.0269	-	18.1292	-	-	-	
46		-	-	-	-	-	-	0.0269	-	128.7110	
46	BS1	1.3211	-	-	-	-	9.9581	-	-	-	
GMP780N	FS1	-	-	1.3118	0.0094	-	9.7552	-	-	-	
GMP780N		-	-	-	-	-	-	0.0094	-	128.7204	
GMP780N	BS1	1.3707	-	-	-	-	22.8460	-	-	-	
47	FS1	-	-	1.4104	-	0.0397	22.1069	-	-	-	
47		-	-	-	-	-	-	-0.0397	-	128.6807	
47	BS1	1.3710	-	-	-	-	24.1545	-	-	-	
48	FS1	-	-	1.3544	0.0167	-	24.0827	-	-	-	
48		-	-	-	-	-	-	0.0167	-	128.6974	
48	BS1	1.3307	-	-	-	-	15.3780	-	-	-	
GMP779N	FS1	-	-	1.3286	0.0021	-	15.7137	-	-	-	
GMP779N		-	-	-	-	-	-	0.0021	-	128.6995	
GMP779N	BS1	1.3360	-	-	-	-	23.1794	-	-	-	
49	FS1	-	-	2.3544	-	1.0184	23.4192	-	-	-	
49		-	-	-	-	-	-	-1.0184	-	127.6811	
49	BS1	1.4269	-	-	-	-	23.1977	-	-	-	
50	FS1	-	-	1.3594	0.0676	-	23.8260	-	-	-	
50		-	-	-	-	-	-	0.0676	-	127.7486	
50	BS1	1.4511	-	-	-	-	23.8102	-	-	-	
51	FS1	-	-	1.4015	0.0496	-	24.8733	-	-	-	
51		-	-	-	-	-	-	0.0496	-	127.7982	
51	BS1	1.4549	-	-	-	-	23.9153	-	-	-	
52	FS1	-	-	0.9548	0.5001	-	24.8481	-	-	-	
52		-	-	-	-	-	-	0.5001	-	128.2983	
52	BS1	1.6776	-	-	-	-	23.2428	-	-	-	
53	FS1	-	-	1.3058	0.3718	-	23.1263	-	-	-	
53		-	-	-	-	-	-	0.3718	-	128.6701	
53	BS1	1.4654	-	-	-	-	23.4409	-	-	-	
54	FS1	-	-	1.4324	0.0331	-	23.9569	-	-	-	
54		-	-	-	-	-	-	0.0331	-	128.7031	
54	BS1	1.3918	-	-	-	-	24.1135	-	-	-	
GMP778	FS1	-	-	2.5906	-	1.1988	25.2687	-	-	-	
GMP778		-	-	-	-	-	-	-1.1988	-	127.5044	
GMP778	BS1	2.6021	-	-	-	-	23.0949	-	-	-	
55	FS1	-	-	1.3677	1.2344	-	23.5127	-	-	-	
55		-	-	-	-	-	-	1.2344	-	128.7388	
55	BS1	1.3929	-	-	-	-	12.1472	-	-	-	
56	FS1	-	-	1.3085	0.0844	-	12.1350	-	-	-	
56		-	-	-	-	-	-	0.0844	-	128.8232	
56	BS1	1.3644	-	-	-	-	21.8607	-	-	-	
GMP777	FS1	-	-	2.8379	-	1.4735	20.7685	-	-	-	
GMP777		-	-	-	-	-	-	-1.4735	-	127.3497	
GMP777	BS1	2.8378	-	-	-	-	20.7600	-	-	-	
57	FS1	-	-	1.4240	1.4138	-	21.4290	-	-	-	
57		-	-	-	-	-	-	1.4138	-	128.7636	
57	BS1	1.3099	-	-	-	-	23.6994	-	-	-	
58	FS1	-	-	1.3877	-	0.0778	23.7787	-	-	-	
58		-	-	-	-	-	-	-0.0778	-	128.6858	
58	BS1	1.3453	-	-	-	-	16.2920	-	-	-	
59	FS1	-	-	1.3015	0.0437	-	16.1130	-	-	-	
59		-	-	-	-	-	-	0.0437	-	128.7295	
59	BS1	1.3599	-	-	-	-	22.8940	-	-	-	
GMP776	FS1	-	-	1.8040	-	0.4441	22.8672	-	-	-	
GMP776		-	-	-	-	-	-	-0.4441	-	128.2854	
GMP776	BS1	1.7584	-	-	-	-	20.3662	-	-	-	
60	FS1	-	-	1.3905	0.3679	-	21.4067	-	-	-	
60		-	-	-	-	-	-	0.3679	-	128.6533	
60	BS1	1.2941	-	-	-	-	23.7427	-	-	-	
61	FS1	-	-	1.4056	-	0.1115	23.1183	-	-	-	
61		-	-	-	-	-	-	-0.1115	-	128.5418	
61	BS1	1.4123	-	-	-	-	24.3452	-	-	-	
GMP775	FS1	-	-	2.9062	-	1.4938	24.3561	-	-	-	
GMP775		-	-	-	-	-	-	-1.4938	-	127.0479	
GMP775	BS1	2.9407	-	-	-	-	23.6181	-	-	-	
62	FS1	-	-	1.2803	1.6604	-	22.9881	-	-	-	
62		-	-	-	-	-	-	1.6604	-	128.7083	
62	BS1	1.3128	-	-	-	-	17.7136	-	-	-	
63	FS1	-	-	1.3149	-	0.0021	17.4923	-	-	-	
63		-	-	-	-	-	-	-0.0021	-	128.7063	
63	BS1	1.4429	-	-	-	-	10.5526	-	-	-	

GMP774N	FS1	-	-	1.4184	0.0245	-	9.9978	-	-	-	
GMP774N		-	-	-	-	-	-	0.0245	-	128.7308	
GMP774N	BS1	1.3553	-	-	-	-	24.1291	-	-	-	
64	FS1	-	-	1.3117	0.0436	-	24.8045	-	-	-	
64		-	-	-	-	-	-	0.0436	-	128.7744	
64	BS1	1.3665	-	-	-	-	24.9895	-	-	-	
65	FS1	-	-	1.3919	-	0.0253	24.7186	-	-	-	
65		-	-	-	-	-	-	-0.0253	-	128.7490	
65	BS1	1.3861	-	-	-	-	23.6060	-	-	-	
66	FS1	-	-	1.3890	-	0.0029	23.2436	-	-	-	
66		-	-	-	-	-	-	-0.0029	-	128.7461	
66	BS1	1.1479	-	-	-	-	24.3505	-	-	-	
67	FS1	-	-	1.1691	-	0.0212	23.9469	-	-	-	
67		-	-	-	-	-	-	-0.0212	-	128.7249	
67	BS1	1.4052	-	-	-	-	24.4747	-	-	-	
68	FS1	-	-	1.3691	0.0360	-	24.9243	-	-	-	
68		-	-	-	-	-	-	0.0360	-	128.7609	
68	BS1	1.4149	-	-	-	-	23.2087	-	-	-	
GMP773N	FS1	-	-	1.4602	-	0.0453	24.1986	-	-	-	
GMP773N		-	-	-	-	-	-	-0.0453	-	128.7156	
GMP773N	BS1	1.4157	-	-	-	-	23.6820	-	-	-	
69	FS1	-	-	1.3748	0.0410	-	22.9841	-	-	-	
69		-	-	-	-	-	-	0.0410	-	128.7566	
69	BS1	1.3403	-	-	-	-	24.1158	-	-	-	
70	FS1	-	-	2.3201	-	0.9798	23.9238	-	-	-	
70		-	-	-	-	-	-	-0.9798	-	127.7768	
70	BS1	1.3216	-	-	-	-	23.6454	-	-	-	
71	FS1	-	-	1.5582	-	0.2366	23.1336	-	-	-	
71		-	-	-	-	-	-	-0.2366	-	127.5402	
71	BS1	1.3522	-	-	-	-	10.1792	-	-	-	
GMP772	FS1	-	-	1.2487	0.1035	-	10.3082	-	-	-	
GMP772		-	-	-	-	-	-	0.1035	-	127.6437	
GMP772	BS1	2.1578	-	-	-	-	22.9196	-	-	-	
72	FS1	-	-	1.4457	0.7121	-	22.8489	-	-	-	
72		-	-	-	-	-	-	0.7121	-	128.3559	
72	BS1	1.1808	-	-	-	-	24.4238	-	-	-	
73	FS1	-	-	1.4937	-	0.3128	23.9065	-	-	-	
73		-	-	-	-	-	-	-0.3128	-	128.0431	
73	BS1	1.3318	-	-	-	-	16.5058	-	-	-	
74	FS1	-	-	1.4129	-	0.0811	15.9451	-	-	-	
74		-	-	-	-	-	-	-0.0811	-	127.9620	
74	BS1	1.3558	-	-	-	-	13.9360	-	-	-	
GMP771N	FS1	-	-	1.4849	-	0.1292	13.6071	-	-	-	
GMP771N		-	-	-	-	-	-	-0.1292	-	127.8328	
GMP771N	BS1	1.1993	-	-	-	-	24.5421	-	-	-	
75	FS1	-	-	2.5189	-	1.3195	24.1878	-	-	-	
75		-	-	-	-	-	-	-1.3195	-	126.5133	
75	BS1	1.1379	-	-	-	-	21.5052	-	-	-	
76	FS1	-	-	1.6365	-	0.4986	20.8031	-	-	-	
76		-	-	-	-	-	-	-0.4986	-	126.0147	
76	BS1	1.3102	-	-	-	-	18.6216	-	-	-	
GMP770	FS1	-	-	1.6148	-	0.3046	19.0140	-	-	-	
GMP770		-	-	-	-	-	-	-0.3046	-	125.7101	
GMP770	BS1	2.7270	-	-	-	-	21.4471	-	-	-	
77	FS1	-	-	1.4422	1.2848	-	21.4172	-	-	-	
77		-	-	-	-	-	-	1.2848	-	126.9949	
77	BS1	1.3061	-	-	-	-	19.0583	-	-	-	
78	FS1	-	-	1.4276	-	0.1215	19.2768	-	-	-	
78		-	-	-	-	-	-	-0.1215	-	126.8735	
78	BS1	1.3689	-	-	-	-	17.6429	-	-	-	
GMP769N	FS1	-	-	1.5646	-	0.1957	18.7679	-	-	-	
GMP769N		-	-	-	-	-	-	-0.1957	-	126.6830	

Leica Geosystems AG
Heinrich Wild Strasse
CH-9435 Heerbrugg
St. Gallen, Switzerland

Phone: + 41 71 727 3131
Fax: + 41 71 727 4674

- when it has to be right

Level Report

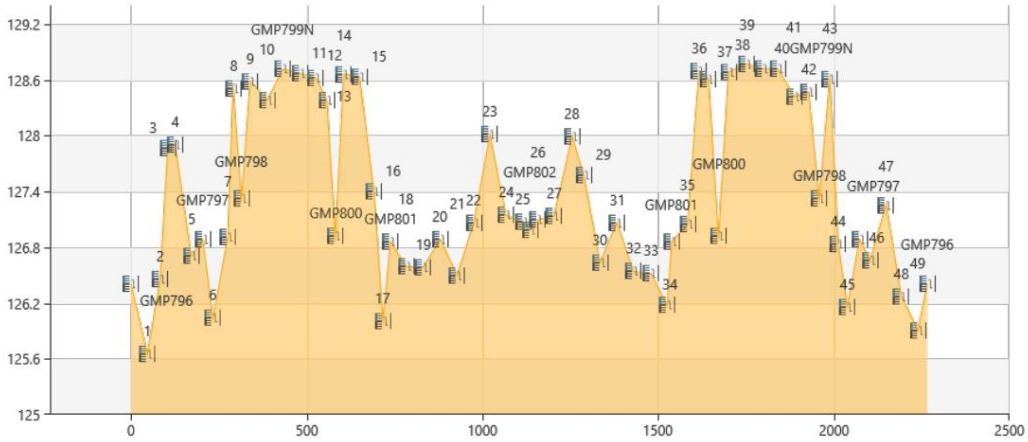
Report created: 03.04.2024 10:34:01

Project Details

General		Customer Details		Master Coordinate System	
Project Name:	8	Customer Name:	-	Coordinate System Name:	None
Owner:	-	Contact Person:	-	Transformation Type:	-
Lead Surveyor:	-	Number:	-	Residual Distribution:	-
Date Created:	03.04.2024 10:33:46	Email:	-	Ellipsoid:	-
Last Accessed:	03.04.2024 10:33:46	Skype:	-	Projection Type:	-
Application Software:	Infinity 4.0.0	Website:	-	Geoid Model:	-
				CSCS Model:	-

Path:	C:\Users\TOP-PC\Documents\Leica Geosystems\Infinity\Projects\8\8.iprj
Size:	0.1 MB
Comments:	-

Level Line Id: Line 001



General

Date/Time	2.4.2024. 16:30:35	Instrument Type:	
Staff One Id:	-	Method:	BF
Staff Two Id:	-	Stations:	61
Start Point:	GMP796	Observations:	122
End Point:	GMP796		

Results

Height Difference:	0.0009 m	Height Error / Point:	0.0000 m
Length:	2265.7965 m	Total Distance Balance:	**11.8908 m**
Misclosure:	0.0009 m	Total Station Difference:	-

Processing Parameters

Adjustment Method:	No Adjustment
Staff Corrections:	Not Applied

Points

Point Id	Date/Time	Height [m]	ΔHeight [m]	SD [m]
GMP796	2.4.2024. 16:30:36	126.4110	-	0.0022
1	2.4.2024. 16:30:40	125.6545	-0.7565	0.0003
2	2.4.2024. 16:30:44	126.4564	0.8019	0.0004

3	2.4.2024. 16:30:48	127.8631	1.4066	0.0005
4	2.4.2024. 16:30:52	127.9055	0.0424	0.0006
5	2.4.2024. 16:30:56	126.7045	-1.2010	0.0006
GMP797	2.4.2024. 16:31:00	126.8851	0.1806	0.0007
6	2.4.2024. 16:31:04	126.0410	-0.8442	0.0007
7	2.4.2024. 16:31:08	126.9109	0.8700	0.0008
8	2.4.2024. 16:31:12	128.5112	1.6002	0.0008
GMP798	2.4.2024. 16:31:16	127.3239	-1.1873	0.0009
9	2.4.2024. 16:31:20	128.5890	1.2652	0.0009
10	2.4.2024. 16:31:24	128.3822	-0.2068	0.0010
GMP799N	2.4.2024. 16:31:28	128.7168	0.3346	0.0010
11	2.4.2024. 16:31:32	128.6714	-0.0454	0.0011
12	2.4.2024. 16:31:36	128.6247	-0.0468	0.0011
13	2.4.2024. 16:31:40	128.3783	-0.2464	0.0011
GMP800	2.4.2024. 16:31:44	126.9189	-1.4594	0.0012
14	2.4.2024. 16:31:48	128.6618	1.7429	0.0012
15	2.4.2024. 16:31:52	128.6394	-0.0224	0.0012
16	2.4.2024. 16:31:56	127.4065	-1.2329	0.0013
17	2.4.2024. 16:32:00	126.0092	-1.3974	0.0013
GMP801	2.4.2024. 16:32:04	126.8637	0.8545	0.0013
18	2.4.2024. 16:32:08	126.5938	-0.2699	0.0014
19	2.4.2024. 16:32:12	126.5894	-0.0044	0.0014
20	2.4.2024. 16:32:16	126.8854	0.2960	0.0014
21	2.4.2024. 16:32:20	126.5013	-0.3842	0.0014
22	2.4.2024. 16:32:24	127.0604	0.5591	0.0015
23	2.4.2024. 16:32:28	128.0126	0.9522	0.0015
24	2.4.2024. 16:32:32	127.1436	-0.8690	0.0015
25	2.4.2024. 16:32:36	127.0779	-0.0657	0.0015
GMP802	2.4.2024. 16:32:40	126.9883	-0.0896	0.0016
26	2.4.2024. 16:32:44	127.0971	0.1089	0.0016
27	2.4.2024. 16:32:48	127.1338	0.0367	0.0016
28	2.4.2024. 16:32:52	127.9951	0.8613	0.0016
29	2.4.2024. 16:32:56	127.5710	-0.4240	0.0017
30	2.4.2024. 16:33:00	126.6364	-0.9346	0.0017
31	2.4.2024. 16:33:04	127.0678	0.4314	0.0017
32	2.4.2024. 16:33:08	126.5405	-0.5273	0.0017
33	2.4.2024. 16:33:12	126.5178	-0.0226	0.0018
34	2.4.2024. 16:33:16	126.1793	-0.3385	0.0018
GMP801	2.4.2024. 16:33:20	126.8645	0.6851	0.0018
35	2.4.2024. 16:33:24	127.0462	0.1818	0.0018
36	2.4.2024. 16:33:28	128.6989	1.6527	0.0019
37	2.4.2024. 16:33:32	128.6116	-0.0873	0.0019
GMP800	2.4.2024. 16:33:36	126.9194	-1.6922	0.0019
38	2.4.2024. 16:33:40	128.6875	1.7680	0.0019
39	2.4.2024. 16:33:44	128.7756	0.0881	0.0019
40	2.4.2024. 16:33:48	128.7222	-0.0534	0.0020
GMP799N	2.4.2024. 16:33:52	128.7172	-0.0050	0.0020
41	2.4.2024. 16:33:56	128.4183	-0.2989	0.0020
42	2.4.2024. 16:34:00	128.4706	0.0523	0.0020
GMP798	2.4.2024. 16:34:04	127.3246	-1.1460	0.0020
43	2.4.2024. 16:34:08	128.6135	1.2889	0.0021
44	2.4.2024. 16:34:12	126.8403	-1.7731	0.0021
45	2.4.2024. 16:34:16	126.1628	-0.6775	0.0021
GMP797	2.4.2024. 16:34:20	126.8855	0.7227	0.0021
46	2.4.2024. 16:34:24	126.6640	-0.2216	0.0021
47	2.4.2024. 16:34:28	127.2561	0.5921	0.0022
48	2.4.2024. 16:34:32	126.2757	-0.9804	0.0022
49	2.4.2024. 16:34:36	125.9049	-0.3707	0.0022
GMP796	2.4.2024. 16:30:36	126.4110	0.5061	0.0022

Line Tolerances

Allowable Misclosure E = a + b √ L:	0.0095 m
a:	0.0020 m
b:	0.0050 m/√km
L (Level Line Length):	2.2658 km
Height Error / Point:	0.0005 m
Total Distance Balance:	10.0000 m

Observation Tolerances

Double Observation Check:	0.0010 m
Station Difference:	0.0003 m
Max. Sight Distance:	40.0000 m
Min. Ground Clearance:	0.5000 m

Point Height Tolerances

Height Spread:	0.0200 m
Max. Difference From Fixed Height:	0.0100 m

Booking Sheet

Point Id	Type	BS [m]	IS [m]	FS [m]	Rise [m]	Fall [m]	Hz Dist. [m]	ΔHeight [m]	ΔHeight Corr. [m]	Height [m]	Remark
GMP796		-	-	-	-	-	-	0.0000	0.0000	126.4110	
GMP796	BS1	0.9047	-	-	-	-	23.1486	-	-	-	

1	FS1	-	-	1.6612	-	0.7565	23.9615	-0.7565	-	125.6545	
1	BS1	1.9024	-	-	-	-	18.2614	-	-	-	
2	FS1	-	-	1.1005	0.8019	-	17.8346	-	-	-	
2		-	-	-	-	-	-	0.8019	-	126.4564	
2	BS1	2.3140	-	-	-	-	11.0838	-	-	-	
3	FS1	-	-	0.9074	1.4066	-	10.2401	-	-	-	
3		-	-	-	-	-	-	1.4066	-	127.8631	
3	BS1	1.9496	-	-	-	-	10.7885	-	-	-	
4	FS1	-	-	1.9072	0.0424	-	10.3939	-	-	-	
4		-	-	-	-	-	-	0.0424	-	127.9055	
4	BS1	0.5313	-	-	-	-	22.8660	-	-	-	
5	FS1	-	-	1.7322	-	1.2010	22.7822	-	-	-	
5		-	-	-	-	-	-	-1.2010	-	126.7045	
5	BS1	1.0448	-	-	-	-	16.3131	-	-	-	
GMP797	FS1	-	-	0.8641	0.1806	-	16.7901	-	-	-	
GMP797		-	-	-	-	-	-	0.1806	-	126.8851	
GMP797	BS1	0.5871	-	-	-	-	14.0234	-	-	-	
6	FS1	-	-	1.4313	-	0.8442	15.0501	-	-	-	
6		-	-	-	-	-	-	-0.8442	-	126.0410	
6	BS1	1.5092	-	-	-	-	21.1724	-	-	-	
7	FS1	-	-	0.6393	0.8700	-	20.9564	-	-	-	
7		-	-	-	-	-	-	0.8700	-	126.9109	
7	BS1	2.3534	-	-	-	-	7.6148	-	-	-	
8	FS1	-	-	0.7532	1.6002	-	7.2736	-	-	-	
8		-	-	-	-	-	-	1.6002	-	128.5112	
8	BS1	1.4509	-	-	-	-	11.0288	-	-	-	
GMP798	FS1	-	-	2.6382	-	1.1873	12.9391	-	-	-	
GMP798		-	-	-	-	-	-	-1.1873	-	127.3239	
GMP798	BS1	2.6382	-	-	-	-	12.9342	-	-	-	
9	FS1	-	-	1.3730	1.2652	-	12.1612	-	-	-	
9		-	-	-	-	-	-	1.2652	-	128.5890	
9	BS1	1.4765	-	-	-	-	24.5426	-	-	-	
10	FS1	-	-	1.6833	-	0.2068	24.0881	-	-	-	
10		-	-	-	-	-	-	-0.2068	-	128.3822	
10	BS1	1.6212	-	-	-	-	21.7482	-	-	-	
GMP799N	FS1	-	-	1.2866	0.3346	-	22.0056	-	-	-	
GMP799N		-	-	-	-	-	-	0.3346	-	128.7168	
GMP799N	BS1	1.3878	-	-	-	-	24.2534	-	-	-	
11	FS1	-	-	1.4331	-	0.0454	24.1771	-	-	-	
11		-	-	-	-	-	-	-0.0454	-	128.6714	
11	BS1	1.4520	-	-	-	-	23.2473	-	-	-	
12	FS1	-	-	1.4988	-	0.0468	22.4075	-	-	-	
12		-	-	-	-	-	-	-0.0468	-	128.6247	
12	BS1	1.5169	-	-	-	-	15.8401	-	-	-	
13	FS1	-	-	1.7633	-	0.2464	15.7661	-	-	-	
13		-	-	-	-	-	-	-0.2464	-	128.3783	
13	BS1	1.5395	-	-	-	-	12.2677	-	-	-	
GMP800	FS1	-	-	2.9990	-	1.4594	11.8468	-	-	-	
GMP800		-	-	-	-	-	-	-1.4594	-	126.9189	
GMP800	BS1	2.9990	-	-	-	-	11.8490	-	-	-	
14	FS1	-	-	1.2561	1.7429	-	12.0993	-	-	-	
14		-	-	-	-	-	-	1.7429	-	128.6618	
14	BS1	1.5130	-	-	-	-	22.0408	-	-	-	
15	FS1	-	-	1.5354	-	0.0224	22.0669	-	-	-	
15		-	-	-	-	-	-	-0.0224	-	128.6394	
15	BS1	1.2749	-	-	-	-	21.3164	-	-	-	
16	FS1	-	-	2.5078	-	1.2329	20.3085	-	-	-	
16		-	-	-	-	-	-	-1.2329	-	127.4065	
16	BS1	**0.4641**	-	-	-	-	13.6808	-	-	-	
17	FS1	-	-	1.8615	-	1.3974	12.4188	-	-	-	
17		-	-	-	-	-	-	-1.3974	-	126.0092	
17	BS1	1.5247	-	-	-	-	10.1346	-	-	-	
GMP801	FS1	-	-	0.6702	0.8545	-	10.3602	-	-	-	
GMP801		-	-	-	-	-	-	0.8545	-	126.8637	
GMP801	BS1	1.0147	-	-	-	-	23.4004	-	-	-	
18	FS1	-	-	1.2846	-	0.2699	22.2985	-	-	-	
18		-	-	-	-	-	-	-0.2699	-	126.5938	
18	BS1	1.3547	-	-	-	-	24.2698	-	-	-	
19	FS1	-	-	1.3591	-	0.0044	23.8892	-	-	-	
19		-	-	-	-	-	-	-0.0044	-	126.5894	
19	BS1	1.2145	-	-	-	-	24.1544	-	-	-	
20	FS1	-	-	0.9185	0.2960	-	24.2173	-	-	-	
20		-	-	-	-	-	-	0.2960	-	126.8854	

20	BS1	1.4986	-	-	-	-	23.9186	-	-	-	
21	FS1	-	-	1.8828	-	0.3842	24.2040	-	-	-	
21		-	-	-	-	-	-	-0.3842	-	126.5013	
21	BS1	1.7759	-	-	-	-	23.4454	-	-	-	
22	FS1	-	-	1.2168	0.5591	-	23.5932	-	-	-	
22		-	-	-	-	-	-	0.5591	-	127.0604	
22	BS1	2.1659	-	-	-	-	22.6031	-	-	-	
23	FS1	-	-	1.2137	0.9522	-	23.6790	-	-	-	
23		-	-	-	-	-	-	0.9522	-	128.0126	
23	BS1	0.9363	-	-	-	-	22.4407	-	-	-	
24	FS1	-	-	1.8053	-	0.8690	22.7108	-	-	-	
24		-	-	-	-	-	-	-0.8690	-	127.1436	
24	BS1	1.6155	-	-	-	-	24.7350	-	-	-	
25	FS1	-	-	1.6813	-	0.0657	23.7662	-	-	-	
25		-	-	-	-	-	-	-0.0657	-	127.0779	
25	BS1	1.3460	-	-	-	-	9.9780	-	-	-	
GMP802	FS1	-	-	1.4356	-	0.0896	10.8927	-	-	-	
GMP802		-	-	-	-	-	-	-0.0896	-	126.9883	
GMP802	BS1	1.4357	-	-	-	-	10.9019	-	-	-	
26	FS1	-	-	1.3268	0.1089	-	11.0063	-	-	-	
26		-	-	-	-	-	-	0.1089	-	127.0971	
26	BS1	1.6511	-	-	-	-	23.1159	-	-	-	
27	FS1	-	-	1.6145	0.0367	-	22.6687	-	-	-	
27		-	-	-	-	-	-	0.0367	-	127.1338	
27	BS1	1.8377	-	-	-	-	25.9037	-	-	-	
28	FS1	-	-	0.9764	0.8613	-	25.3585	-	-	-	
28		-	-	-	-	-	-	0.8613	-	127.9951	
28	BS1	1.2411	-	-	-	-	17.0242	-	-	-	
29	FS1	-	-	1.6652	-	0.4240	16.7435	-	-	-	
29		-	-	-	-	-	-	-0.4240	-	127.5710	
29	BS1	0.8194	-	-	-	-	23.2057	-	-	-	
30	FS1	-	-	1.7540	-	0.9346	22.3780	-	-	-	
30		-	-	-	-	-	-	-0.9346	-	126.6364	
30	BS1	1.4018	-	-	-	-	24.5353	-	-	-	
31	FS1	-	-	0.9704	0.4314	-	23.8785	-	-	-	
31		-	-	-	-	-	-	0.4314	-	127.0678	
31	BS1	0.6815	-	-	-	-	23.9746	-	-	-	
32	FS1	-	-	1.2088	-	0.5273	22.9998	-	-	-	
32		-	-	-	-	-	-	-0.5273	-	126.5405	
32	BS1	1.5387	-	-	-	-	25.0544	-	-	-	
33	FS1	-	-	1.5613	-	0.0227	24.9092	-	-	-	
33		-	-	-	-	-	-	-0.0227	-	126.5178	
33	BS1	1.4299	-	-	-	-	23.1871	-	-	-	
34	FS1	-	-	1.7684	-	0.3385	22.6902	-	-	-	
34		-	-	-	-	-	-	-0.3385	-	126.1793	
34	BS1	1.4851	-	-	-	-	6.8394	-	-	-	
GMP801	FS1	-	-	0.8000	0.6851	-	6.3389	-	-	-	
GMP801		-	-	-	-	-	-	0.6851	-	126.8645	
GMP801	BS1	0.8291	-	-	-	-	23.0110	-	-	-	
35	FS1	-	-	0.6473	0.1818	-	22.0934	-	-	-	
35		-	-	-	-	-	-	0.1818	-	127.0462	
35	BS1	2.6188	-	-	-	-	16.7553	-	-	-	
36	FS1	-	-	0.9661	1.6527	-	15.5732	-	-	-	
36		-	-	-	-	-	-	1.6527	-	128.6989	
36	BS1	1.4324	-	-	-	-	13.6499	-	-	-	
37	FS1	-	-	1.5197	-	0.0873	13.2622	-	-	-	
37		-	-	-	-	-	-	-0.0873	-	128.6116	
37	BS1	1.4805	-	-	-	-	14.8290	-	-	-	
GMP800	FS1	-	-	3.1727	-	1.6922	13.9179	-	-	-	
GMP800		-	-	-	-	-	-	-1.6922	-	126.9194	
GMP800	BS1	3.1725	-	-	-	-	13.9026	-	-	-	
38	FS1	-	-	1.4045	1.7680	-	14.7136	-	-	-	
38		-	-	-	-	-	-	1.7680	-	128.6875	
38	BS1	1.5746	-	-	-	-	25.7847	-	-	-	
39	FS1	-	-	1.4865	0.0881	-	25.3639	-	-	-	
39		-	-	-	-	-	-	0.0881	-	128.7756	
39	BS1	1.4786	-	-	-	-	22.7412	-	-	-	
40	FS1	-	-	1.5320	-	0.0534	22.4435	-	-	-	
40		-	-	-	-	-	-	-0.0534	-	128.7222	
40	BS1	1.4882	-	-	-	-	22.4644	-	-	-	
GMP799N	FS1	-	-	1.4932	-	0.0050	22.1962	-	-	-	
GMP799N		-	-	-	-	-	-	-0.0050	-	128.7172	
GMP799N	BS1	1.4706	-	-	-	-	23.6942	-	-	-	

41	FS1	-	-	1.7695	-	0.2989	22.7526	-	-	-	
41		-	-	-	-	-	-	-0.2989	-	128.4183	
41	BS1	1.6726	-	-	-	-	20.1491	-	-	-	
42	FS1	-	-	1.6203	0.0523	-	19.9039	-	-	-	
42		-	-	-	-	-	-	0.0523	-	128.4706	
42	BS1	1.2365	-	-	-	-	15.5693	-	-	-	
GMP798	FS1	-	-	2.3826	-	1.1460	14.8495	-	-	-	
GMP798		-	-	-	-	-	-	-1.1460	-	127.3246	
GMP798	BS1	2.3825	-	-	-	-	14.8485	-	-	-	
43	FS1	-	-	1.0936	1.2889	-	15.6371	-	-	-	
43		-	-	-	-	-	-	1.2889	-	128.6135	
43	BS1	**0.3562**	-	-	-	-	11.4727	-	-	-	
44	FS1	-	-	2.1294	-	1.7731	11.8985	-	-	-	
44		-	-	-	-	-	-	-1.7731	-	126.8403	
44	BS1	0.9327	-	-	-	-	12.8798	-	-	-	
45	FS1	-	-	1.6102	-	0.6775	13.3232	-	-	-	
45		-	-	-	-	-	-	-0.6775	-	126.1628	
45	BS1	1.2374	-	-	-	-	17.5343	-	-	-	
GMP797	FS1	-	-	0.5147	0.7227	-	16.8178	-	-	-	
GMP797		-	-	-	-	-	-	0.7227	-	126.8855	
GMP797	BS1	0.9442	-	-	-	-	15.3408	-	-	-	
46	FS1	-	-	1.1657	-	0.2216	15.0772	-	-	-	
46		-	-	-	-	-	-	-0.2216	-	126.6640	
46	BS1	1.6160	-	-	-	-	22.7919	-	-	-	
47	FS1	-	-	1.0239	0.5921	-	22.8882	-	-	-	
47		-	-	-	-	-	-	0.5921	-	127.2561	
47	BS1	1.3435	-	-	-	-	21.7299	-	-	-	
48	FS1	-	-	2.3239	-	0.9804	21.2797	-	-	-	
48		-	-	-	-	-	-	-0.9804	-	126.2757	
48	BS1	0.7728	-	-	-	-	23.7478	-	-	-	
49	FS1	-	-	1.1435	-	0.3707	23.6320	-	-	-	
49		-	-	-	-	-	-	-0.3707	-	125.9049	
49	BS1	1.4189	-	-	-	-	13.1043	-	-	-	
GMP796	FS1	-	-	0.9119	0.5070	-	13.1797	-	-	-	
GMP796		-	-	-	-	-	-	0.5070	-	126.4110	

Leica Geosystems AG
Heinrich Wild Strasse
CH-9435 Heerbrugg
St. Gallen, Switzerland

Phone: + 41 71 727 3131
Fax: + 41 71 727 4674

- when it has to be right

Level Report

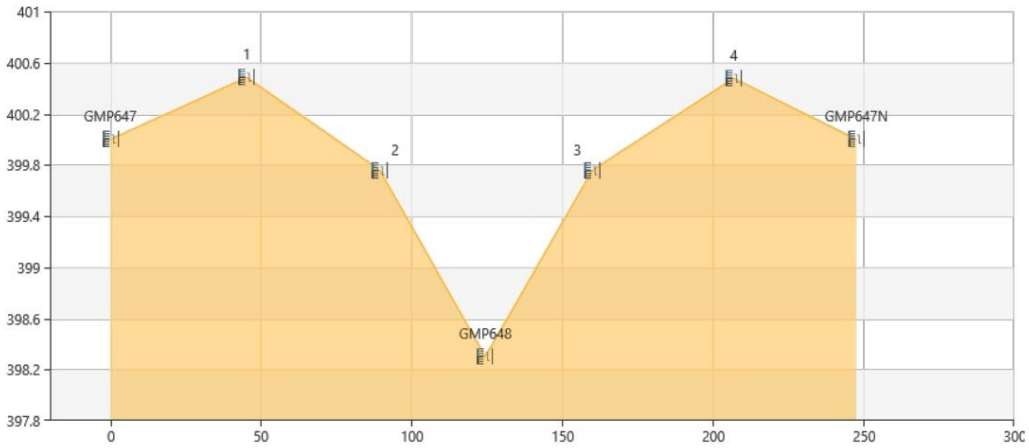
Report created: 03.04.2024 10:34:35

Project Details

General		Customer Details		Master Coordinate System	
Project Name:	DOP	Customer Name:	-	Coordinate System Name:	None
Owner:	-	Contact Person:	-	Transformation Type:	-
Lead Surveyor:	-	Number:	-	Residual Distribution:	-
Date Created:	03.04.2024 10:34:22	Email:	-	Ellipsoid:	-
Last Accessed:	03.04.2024 10:34:22	Skype:	-	Projection Type:	-
Application Software:	Infinity 4.0.0	Website:	-	Geoid Model:	-
				CSCS Model:	-

Path:	C:\Users\TOP-PC\Documents\Leica Geosystems\Infinity\Projects\DOP\DOP.iprj
Size:	0.1 MB
Comments:	-

Level Line Id: Line 004



General

Date/Time	2.4.2024. 16:35:20	Instrument Type:	
Staff One Id:	-	Method:	BF
Staff Two Id:	-	Stations:	6
Start Point:	GMP647	Observations:	12
End Point:	GMP647N		

Results

Height Difference:	-0.0001 m	Height Error / Point:	0.0000 m
Length:	247.5852 m	Total Distance Balance:	-1.9598 m
Misclosure:	0.0000 m	Total Station Difference:	-

Processing Parameters

Adjustment Method:	No Adjustment
Staff Corrections:	Not Applied

Points

Point Id	Date/Time	Height [m]	ΔHeight [m]	SD [m]
GMP647	2.4.2024. 16:35:21	400.0000	-	-
1	2.4.2024. 16:35:25	400.4855	0.4855	0.0003
2	2.4.2024. 16:35:29	399.7608	-0.7247	0.0004

GMP648	2.4.2024. 16:35:33	398.3004	-1.4604	0.0005
3	2.4.2024. 16:35:37	399.7598	1.4594	0.0006
4	2.4.2024. 16:35:41	400.4788	0.7189	0.0006
GMP647N	2.4.2024. 16:35:45	399.9999	-0.4789	0.0007

Line Tolerances

Allowable Misclosure E = a + b √ L:	0.0045 m
a:	0.0020 m
b:	0.0050 m/√km
L (Level Line Length):	0.2476 km
Height Error / Point:	0.0005 m
Total Distance Balance:	10.0000 m

Observation Tolerances

Double Observation Check:	0.0010 m
Station Difference:	0.0003 m
Max. Sight Distance:	40.0000 m
Min. Ground Clearance:	0.5000 m

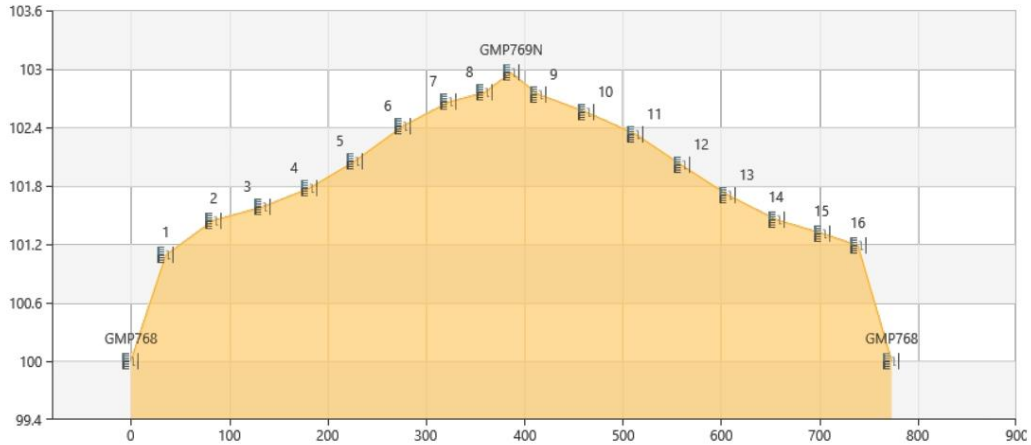
Point Height Tolerances

Height Spread:	0.0200 m
Max. Difference From Fixed Height:	0.0100 m

Booking Sheet

Point Id	Type	BS [m]	IS [m]	FS [m]	Rise [m]	Fall [m]	Hz Dist. [m]	ΔHeight [m]	ΔHeight Corr. [m]	Height [m]	Remark
GMP647		-	-	-	-	-	-	0.0000	0.0000	400.0000	
GMP647	BS1	2.0152	-	-	-	-	22.2456	-	-	-	
1	FS1	-	-	1.5297	0.4855	-	22.9980	-	-	-	
1		-	-	-	-	-	-	0.4855	-	400.4855	
1	BS1	0.8251	-	-	-	-	22.1638	-	-	-	
2	FS1	-	-	1.5498	-	0.7247	21.9753	-	-	-	
2		-	-	-	-	-	-	-0.7247	-	399.7608	
2	BS1	1.1770	-	-	-	-	17.0848	-	-	-	
GMP648	FS1	-	-	2.6373	-	1.4604	17.9721	-	-	-	
GMP648		-	-	-	-	-	-	-1.4604	-	398.3004	
GMP648	BS1	2.6372	-	-	-	-	17.9710	-	-	-	
3	FS1	-	-	1.1778	1.4594	-	17.6191	-	-	-	
3		-	-	-	-	-	-	1.4594	-	399.7598	
3	BS1	2.1711	-	-	-	-	23.3977	-	-	-	
4	FS1	-	-	1.4522	0.7189	-	23.4754	-	-	-	
4		-	-	-	-	-	-	0.7189	-	400.4788	
4	BS1	1.4327	-	-	-	-	19.9499	-	-	-	
GMP647N	FS1	-	-	1.9115	-	0.4789	20.7326	-	-	-	
GMP647N		-	-	-	-	-	-	-0.4789	-	399.9999	

Level Line Id: Line 001



General

Date/Time	2.4.2024. 16:30:35	Instrument Type:	
Staff One Id:	-	Method:	BF
Staff Two Id:	-	Stations:	18
Start Point:	GMP768	Observations:	36
End Point:	GMP768		

Results

Height Difference:	0.0014 m	Height Error / Point:	0.0001 m
Length:	773.4116 m	Total Distance Balance:	0.8089 m
Misclosure:	0.0014 m	Total Station Difference:	-

Processing Parameters

Adjustment Method: No Adjustment
Staff Corrections: Not Applied

Points

Point Id	Date/Time	Height [m]	ΔHeight [m]	SD [m]
GMP768	2.4.2024. 16:30:36	100.0000	-	0.0012
1	2.4.2024. 16:30:40	101.0898	1.0898	0.0003
2	2.4.2024. 16:30:44	101.4448	0.3550	0.0004
3	2.4.2024. 16:30:48	101.5802	0.1354	0.0005
4	2.4.2024. 16:30:52	101.7730	0.1929	0.0006
5	2.4.2024. 16:30:56	102.0493	0.2763	0.0006
6	2.4.2024. 16:31:00	102.4089	0.3595	0.0007
7	2.4.2024. 16:31:04	102.6604	0.2516	0.0007
8	2.4.2024. 16:31:08	102.7544	0.0940	0.0008
GMP769N	2.4.2024. 16:31:12	102.9603	0.2059	0.0008
9	2.4.2024. 16:31:16	102.7412	-0.2191	0.0009
10	2.4.2024. 16:31:20	102.5564	-0.1848	0.0009
11	2.4.2024. 16:31:24	102.3308	-0.2256	0.0010
12	2.4.2024. 16:31:28	102.0141	-0.3167	0.0010
13	2.4.2024. 16:31:32	101.7078	-0.3063	0.0011
14	2.4.2024. 16:31:36	101.4518	-0.2560	0.0011
15	2.4.2024. 16:31:40	101.3130	-0.1388	0.0011
16	2.4.2024. 16:31:44	101.1850	-0.1280	0.0012
GMP768	2.4.2024. 16:30:36	100.0000	-1.1850	0.0012

Line Tolerances

Allowable Misclosure E = a + b √ L: 0.0064 m
a: 0.0020 m
b: 0.0050 m/√km
L (Level Line Length): 0.7734 km
Height Error / Point: 0.0005 m
Total Distance Balance: 10.0000 m

Observation Tolerances

Double Observation Check: 0.0010 m
Station Difference: 0.0003 m
Max. Sight Distance: 40.0000 m
Min. Ground Clearance: 0.5000 m

Point Height Tolerances

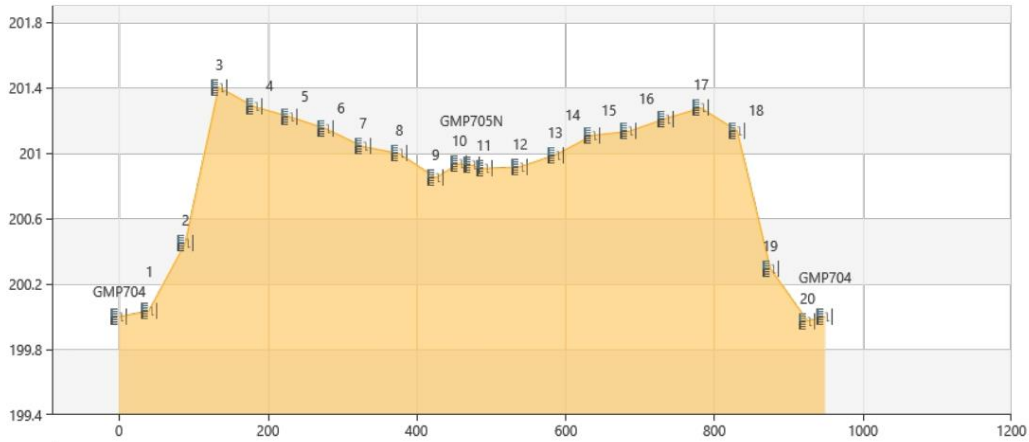
Height Spread: 0.0200 m
Max. Difference From Fixed Height: 0.0100 m

Booking Sheet

Point Id	Type	BS [m]	IS [m]	FS [m]	Rise [m]	Fall [m]	Hz Dist. [m]	ΔHeight [m]	ΔHeight Corr. [m]	Height [m]	Remark
GMP768		-	-	-	-	-	-	0.0000	0.0000	100.0000	
GMP768	BS1	2.4341	-	-	-	-	17.4269	-	-	-	
1	FS1	-	-	1.3443	1.0898	-	18.1464	-	-	-	
1		-	-	-	-	-	-	1.0898	-	101.0898	
1	BS1	1.7137	-	-	-	-	24.1051	-	-	-	
2	FS1	-	-	1.3587	0.3550	-	24.2289	-	-	-	
2		-	-	-	-	-	-	0.3550	-	101.4448	
2	BS1	1.4283	-	-	-	-	24.8019	-	-	-	
3	FS1	-	-	1.2929	0.1354	-	24.6547	-	-	-	
3		-	-	-	-	-	-	0.1354	-	101.5802	
3	BS1	1.5841	-	-	-	-	23.9153	-	-	-	
4	FS1	-	-	1.3912	0.1929	-	23.6491	-	-	-	
4		-	-	-	-	-	-	0.1929	-	101.7730	
4	BS1	1.6822	-	-	-	-	23.0386	-	-	-	
5	FS1	-	-	1.4059	0.2763	-	23.1040	-	-	-	
5		-	-	-	-	-	-	0.2763	-	102.0493	
5	BS1	1.6080	-	-	-	-	24.7196	-	-	-	
6	FS1	-	-	1.2485	0.3595	-	24.1440	-	-	-	
6		-	-	-	-	-	-	0.3595	-	102.4089	
6	BS1	1.6006	-	-	-	-	24.0173	-	-	-	
7	FS1	-	-	1.3490	0.2516	-	23.2730	-	-	-	
7		-	-	-	-	-	-	0.2516	-	102.6604	
7	BS1	1.4951	-	-	-	-	17.6845	-	-	-	
8	FS1	-	-	1.4011	0.0940	-	18.0124	-	-	-	
8		-	-	-	-	-	-	0.0940	-	102.7544	
8	BS1	1.4368	-	-	-	-	13.8049	-	-	-	
GMP769N	FS1	-	-	1.2309	0.2059	-	13.6284	-	-	-	
GMP769N		-	-	-	-	-	-	0.2059	-	102.9603	
GMP769N	BS1	1.2310	-	-	-	-	13.6280	-	-	-	
9	FS1	-	-	1.4501	-	0.2191	13.8411	-	-	-	
9		-	-	-	-	-	-	-0.2191	-	102.7412	
9	BS1	1.3598	-	-	-	-	24.4821	-	-	-	
10	FS1	-	-	1.5446	-	0.1849	24.6980	-	-	-	
10		-	-	-	-	-	-	-0.1849	-	102.5564	
10	BS1	1.1782	-	-	-	-	24.9449	-	-	-	
11	FS1	-	-	1.4038	-	0.2256	25.1911	-	-	-	
11		-	-	-	-	-	-	-0.2256	-	102.3308	

11	BS1	1.1657	-	-	-	-	23.2458	-	-	-	
12	FS1	-	-	1.4824	-	0.3167	23.4279	-	-	-	
12		-	-	-	-	-	-	-0.3167	-	102.0141	
12	BS1	1.2479	-	-	-	-	23.6193	-	-	-	
13	FS1	-	-	1.5542	-	0.3063	23.2125	-	-	-	
13		-	-	-	-	-	-	-0.3063	-	101.7078	
13	BS1	1.3708	-	-	-	-	24.7502	-	-	-	
14	FS1	-	-	1.6268	-	0.2560	24.7816	-	-	-	
14		-	-	-	-	-	-	-0.2560	-	101.4518	
14	BS1	1.2871	-	-	-	-	23.3685	-	-	-	
15	FS1	-	-	1.4258	-	0.1388	22.8697	-	-	-	
15		-	-	-	-	-	-	-0.1388	-	101.3130	
15	BS1	1.3012	-	-	-	-	18.3075	-	-	-	
16	FS1	-	-	1.4293	-	0.1280	18.5779	-	-	-	
16		-	-	-	-	-	-	-0.1280	-	101.1850	
16	BS1	1.1953	-	-	-	-	17.2499	-	-	-	
GMP768	FS1	-	-	2.3789	-	1.1836	16.8607	-	-	-	
GMP768		-	-	-	-	-	-	-1.1836	-	100.0000	

Level Line Id: Line 002



General

Date/Time	2.4.2024. 16:31:50	Instrument Type:	
Staff One Id:	-	Method:	BF
Staff Two Id:	-	Stations:	22
Start Point:	GMP704	Observations:	44
End Point:	GMP704		

Results

Height Difference:	-0.0001 m	Height Error / Point:	0.0000 m
Length:	949.3568 m	Total Distance Balance:	1.4280 m
Misclosure:	-0.0001 m	Total Station Difference:	-

Processing Parameters

Adjustment Method:	No Adjustment
Staff Corrections:	Not Applied

Points

Point Id	Date/Time	Height [m]	ΔHeight [m]	SD [m]
GMP704	2.4.2024. 16:31:51	200.0000	-	0.0013
1	2.4.2024. 16:31:55	200.0351	0.0351	0.0003
2	2.4.2024. 16:31:59	200.4489	0.4138	0.0004
3	2.4.2024. 16:32:03	201.4032	0.9543	0.0005
4	2.4.2024. 16:32:07	201.2833	-0.1199	0.0006
5	2.4.2024. 16:32:11	201.2228	-0.0605	0.0006
6	2.4.2024. 16:32:15	201.1499	-0.0729	0.0007
7	2.4.2024. 16:32:19	201.0408	-0.1091	0.0007
8	2.4.2024. 16:32:23	200.9969	-0.0440	0.0008
9	2.4.2024. 16:32:27	200.8491	-0.1477	0.0008
10	2.4.2024. 16:32:31	200.9359	0.0868	0.0009
GMP705N	2.4.2024. 16:32:35	200.9264	-0.0095	0.0009

11	2.4.2024. 16:32:39	200.9055	-0.0209	0.0010
12	2.4.2024. 16:32:43	200.9154	0.0099	0.0010
13	2.4.2024. 16:32:47	200.9889	0.0735	0.0011
14	2.4.2024. 16:32:51	201.1083	0.1195	0.0011
15	2.4.2024. 16:32:55	201.1325	0.0242	0.0011
16	2.4.2024. 16:32:59	201.2105	0.0780	0.0012
17	2.4.2024. 16:33:03	201.2762	0.0656	0.0012
18	2.4.2024. 16:33:07	201.1358	-0.1404	0.0012
19	2.4.2024. 16:33:11	200.2952	-0.8406	0.0013
20	2.4.2024. 16:33:15	199.9746	-0.3207	0.0013
GMP704	2.4.2024. 16:31:51	200.0000	0.0254	0.0013

Line Tolerances

Allowable Misclosure E = a + b √ L:	0.0069 m
a:	0.0020 m
b:	0.0050 m/√km
L (Level Line Length):	0.9494 km
Height Error / Point:	0.0005 m
Total Distance Balance:	10.0000 m

Observation Tolerances

Double Observation Check:	0.0010 m
Station Difference:	0.0003 m
Max. Sight Distance:	40.0000 m
Min. Ground Clearance:	0.5000 m

Point Height Tolerances

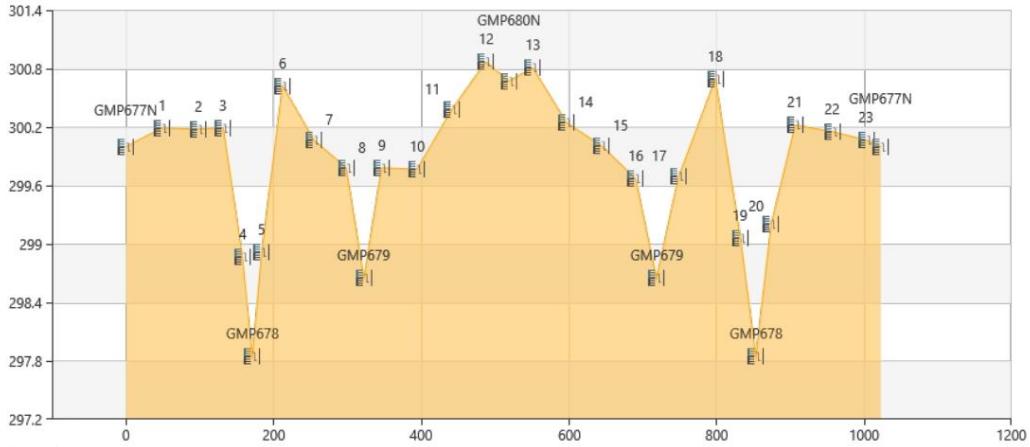
Height Spread:	0.0200 m
Max. Difference From Fixed Height:	0.0100 m

Booking Sheet

Point Id	Type	BS [m]	IS [m]	FS [m]	Rise [m]	Fall [m]	Hz Dist. [m]	ΔHeight [m]	ΔHeight Corr. [m]	Height [m]	Remark
GMP704		-	-	-	-	-	-	0.0000	0.0000	200.0000	
GMP704	BS1	1.3351	-	-	-	-	20.4576	-	-	-	
1	FS1	-	-	1.3001	0.0351	-	19.5216	-	-	-	
1		-	-	-	-	-	-	0.0351	-	200.0351	
1	BS1	1.4467	-	-	-	-	24.5276	-	-	-	
2	FS1	-	-	1.0328	0.4138	-	24.4231	-	-	-	
2		-	-	-	-	-	-	0.4138	-	200.4489	
2	BS1	2.1625	-	-	-	-	22.8303	-	-	-	
3	FS1	-	-	1.2082	0.9543	-	22.2400	-	-	-	
3		-	-	-	-	-	-	0.9543	-	201.4032	
3	BS1	1.3541	-	-	-	-	24.2476	-	-	-	
4	FS1	-	-	1.4740	-	0.1199	23.9499	-	-	-	
4		-	-	-	-	-	-	-0.1199	-	201.2833	
4	BS1	1.3780	-	-	-	-	23.5064	-	-	-	
5	FS1	-	-	1.4384	-	0.0605	23.3946	-	-	-	
5		-	-	-	-	-	-	-0.0605	-	201.2228	
5	BS1	1.4197	-	-	-	-	24.5444	-	-	-	
6	FS1	-	-	1.4926	-	0.0729	24.2921	-	-	-	
6		-	-	-	-	-	-	-0.0729	-	201.1499	
6	BS1	1.3789	-	-	-	-	24.6716	-	-	-	
7	FS1	-	-	1.4880	-	0.1091	24.6373	-	-	-	
7		-	-	-	-	-	-	-0.1091	-	201.0408	
7	BS1	1.3768	-	-	-	-	24.3764	-	-	-	
8	FS1	-	-	1.4208	-	0.0440	25.1643	-	-	-	
8		-	-	-	-	-	-	-0.0440	-	200.9969	
8	BS1	1.3429	-	-	-	-	24.2952	-	-	-	
9	FS1	-	-	1.4906	-	0.1477	24.6504	-	-	-	
9		-	-	-	-	-	-	-0.1477	-	200.8491	
9	BS1	1.4419	-	-	-	-	16.0381	-	-	-	
10	FS1	-	-	1.3552	0.0868	-	15.6629	-	-	-	
10		-	-	-	-	-	-	0.0868	-	200.9359	
10	BS1	1.3478	-	-	-	-	7.7612	-	-	-	
GMP705N	FS1	-	-	1.3572	-	0.0095	8.6734	-	-	-	
GMP705N		-	-	-	-	-	-	-0.0095	-	200.9264	
GMP705N	BS1	1.3572	-	-	-	-	8.6752	-	-	-	
11	FS1	-	-	1.3781	-	0.0209	8.5281	-	-	-	
11		-	-	-	-	-	-	-0.0209	-	200.9055	
11	BS1	1.3634	-	-	-	-	24.2221	-	-	-	
12	FS1	-	-	1.3534	0.0099	-	23.7348	-	-	-	
12		-	-	-	-	-	-	0.0099	-	200.9154	
12	BS1	1.4793	-	-	-	-	23.8521	-	-	-	
13	FS1	-	-	1.4059	0.0735	-	24.2961	-	-	-	
13		-	-	-	-	-	-	0.0735	-	200.9889	
13	BS1	1.4814	-	-	-	-	24.8007	-	-	-	
14	FS1	-	-	1.3620	0.1195	-	24.3182	-	-	-	
14		-	-	-	-	-	-	0.1195	-	201.1083	
14	BS1	1.4318	-	-	-	-	24.2703	-	-	-	
15	FS1	-	-	1.4076	0.0242	-	24.3710	-	-	-	
15		-	-	-	-	-	-	0.0242	-	201.1325	
15	BS1	1.4646	-	-	-	-	24.8555	-	-	-	
16	FS1	-	-	1.3865	0.0780	-	24.8736	-	-	-	

16		-	-	-	-	-	-	0.0780	-	201.2105	
16	BS1	1.4583	-	-	-	-	24.0064	-	-	-	
17	FS1	-	-	1.3926	0.0656	-	23.8871	-	-	-	
17		-	-	-	-	-	-	0.0656	-	201.2762	
17	BS1	1.5350	-	-	-	-	24.3850	-	-	-	
18	FS1	-	-	1.6754	-	0.1404	24.3113	-	-	-	
18		-	-	-	-	-	-	-0.1404	-	201.1358	
18	BS1	0.8387	-	-	-	-	22.0956	-	-	-	
19	FS1	-	-	1.6792	-	0.8406	22.3749	-	-	-	
19		-	-	-	-	-	-	-0.8406	-	200.2952	
19	BS1	1.1168	-	-	-	-	25.3194	-	-	-	
20	FS1	-	-	1.4375	-	0.3207	24.5907	-	-	-	
20		-	-	-	-	-	-	-0.3207	-	199.9746	
20	BS1	1.1544	-	-	-	-	11.6537	-	-	-	
GMP704	FS1	-	-	1.1291	0.0253	-	12.0690	-	-	-	
GMP704		-	-	-	-	-	-	0.0253	-	200.0000	

Level Line Id: Line 003



General

Date/Time	2.4.2024. 16:33:21	Instrument Type:	
Staff One Id:	-	Method:	BF
Staff Two Id:	-	Stations:	29
Start Point:	GMP677N	Observations:	58
End Point:	GMP677N		

Results

Height Difference:	-0.0009 m	Height Error / Point:	0.0000 m
Length:	1023.0409 m	Total Distance Balance:	-1.3138 m
Misclosure:	-0.0009 m	Total Station Difference:	-

Processing Parameters

Adjustment Method:	No Adjustment
Staff Corrections:	Not Applied

Points

Point Id	Date/Time	Height [m]	ΔHeight [m]	SD [m]
GMP677N	2.4.2024. 16:33:22	300.0000	-	0.0015
1	2.4.2024. 16:33:26	300.1900	0.1900	0.0003
2	2.4.2024. 16:33:30	300.1791	-0.0109	0.0004
3	2.4.2024. 16:33:34	300.1926	0.0135	0.0005
4	2.4.2024. 16:33:38	298.8721	-1.3204	0.0006
GMP678	2.4.2024. 16:33:42	297.8534	-1.0188	0.0006
5	2.4.2024. 16:33:46	298.9135	1.0602	0.0007
6	2.4.2024. 16:33:50	300.6256	1.7121	0.0007
7	2.4.2024. 16:33:54	300.0637	-0.5619	0.0008
8	2.4.2024. 16:33:58	299.7853	-0.2784	0.0008
GMP679	2.4.2024. 16:34:02	298.6498	-1.1356	0.0009
9	2.4.2024. 16:34:06	299.7820	1.1322	0.0009
10	2.4.2024. 16:34:10	299.7697	-0.0123	0.0010
11	2.4.2024. 16:34:14	300.3794	0.6097	0.0010

12	2.4.2024. 16:34:18	300.8707	0.4913	0.0011
GMP680N	2.4.2024. 16:34:22	300.6721	-0.1986	0.0011
13	2.4.2024. 16:34:26	300.8113	0.1392	0.0011
14	2.4.2024. 16:34:30	300.2463	-0.5649	0.0012
15	2.4.2024. 16:34:34	300.0085	-0.2379	0.0012
16	2.4.2024. 16:34:38	299.6710	-0.3375	0.0012
GMP679	2.4.2024. 16:34:42	298.6492	-1.0218	0.0013
17	2.4.2024. 16:34:46	299.6905	1.0413	0.0013
18	2.4.2024. 16:34:50	300.6924	1.0019	0.0013
19	2.4.2024. 16:34:54	299.0637	-1.6287	0.0014
GMP678	2.4.2024. 16:34:58	297.8518	-1.2119	0.0014
20	2.4.2024. 16:35:02	299.2002	1.3484	0.0014
21	2.4.2024. 16:35:06	300.2202	1.0200	0.0014
22	2.4.2024. 16:35:10	300.1548	-0.0654	0.0015
23	2.4.2024. 16:35:14	300.0661	-0.0887	0.0015
GMP677N	2.4.2024. 16:33:22	300.0000	-0.0661	0.0015

Line Tolerances

Allowable Misclosure E = a + b √ L:	0.0071 m
a:	0.0020 m
b:	0.0050 m/√km
L (Level Line Length):	1.0230 km
Height Error / Point:	0.0005 m
Total Distance Balance:	10.0000 m

Observation Tolerances

Double Observation Check:	0.0010 m
Station Difference:	0.0003 m
Max. Sight Distance:	40.0000 m
Min. Ground Clearance:	0.5000 m

Point Height Tolerances

Height Spread:	0.0200 m
Max. Difference From Fixed Height:	0.0100 m

Booking Sheet

Point Id	Type	BS [m]	IS [m]	FS [m]	Rise [m]	Fall [m]	Hz Dist. [m]	ΔHeight [m]	ΔHeight Corr. [m]	Height [m]	Remark
GMP677N		-	-	-	-	-	-	0.0000	0.0000	300.0000	
GMP677N	BS1	1.5938	-	-	-	-	24.1904	-	-	-	
1	FS1	-	-	1.4038	0.1900	-	24.1872	-	-	-	
1		-	-	-	-	-	-	0.1900	-	300.1900	
1	BS1	1.4394	-	-	-	-	24.2130	-	-	-	
2	FS1	-	-	1.4503	-	0.0109	24.5473	-	-	-	
2		-	-	-	-	-	-	-0.0109	-	300.1791	
2	BS1	1.5386	-	-	-	-	17.4476	-	-	-	
3	FS1	-	-	1.5251	0.0135	-	17.3756	-	-	-	
3		-	-	-	-	-	-	0.0135	-	300.1926	
3	BS1	1.2961	-	-	-	-	12.5165	-	-	-	
4	FS1	-	-	2.6165	-	1.3204	13.3750	-	-	-	
4		-	-	-	-	-	-	-1.3204	-	298.8721	
4	BS1	1.0740	-	-	-	-	7.1659	-	-	-	
GMP678	FS1	-	-	2.0927	-	1.0188	6.2206	-	-	-	
GMP678		-	-	-	-	-	-	-1.0188	-	297.8534	
GMP678	BS1	2.0928	-	-	-	-	6.2232	-	-	-	
5	FS1	-	-	1.0326	1.0602	-	6.5974	-	-	-	
5		-	-	-	-	-	-	1.0602	-	298.9135	
5	BS1	2.6882	-	-	-	-	14.1486	-	-	-	
6	FS1	-	-	0.9761	1.7121	-	13.8906	-	-	-	
6		-	-	-	-	-	-	1.7121	-	300.6256	
6	BS1	0.6779	-	-	-	-	21.3657	-	-	-	
7	FS1	-	-	1.2398	-	0.5619	21.7088	-	-	-	
7		-	-	-	-	-	-	-0.5619	-	300.0637	
7	BS1	1.0132	-	-	-	-	21.5680	-	-	-	
8	FS1	-	-	1.2916	-	0.2784	21.6540	-	-	-	
8		-	-	-	-	-	-	-0.2784	-	299.7853	
8	BS1	1.2021	-	-	-	-	11.7962	-	-	-	
GMP679	FS1	-	-	2.3376	-	1.1356	12.2785	-	-	-	
GMP679		-	-	-	-	-	-	-1.1356	-	298.6498	
GMP679	BS1	2.3376	-	-	-	-	12.2807	-	-	-	
9	FS1	-	-	1.2054	1.1322	-	11.6998	-	-	-	
9		-	-	-	-	-	-	1.1322	-	299.7820	
9	BS1	1.3235	-	-	-	-	24.2550	-	-	-	
10	FS1	-	-	1.3358	-	0.0123	23.6945	-	-	-	
10		-	-	-	-	-	-	-0.0123	-	299.7697	
10	BS1	1.5098	-	-	-	-	23.9176	-	-	-	
11	FS1	-	-	0.9001	0.6097	-	23.3458	-	-	-	
11		-	-	-	-	-	-	0.6097	-	300.3794	
11	BS1	1.8345	-	-	-	-	22.4749	-	-	-	
12	FS1	-	-	1.3432	0.4913	-	23.5155	-	-	-	
12		-	-	-	-	-	-	0.4913	-	300.8707	
12	BS1	1.3135	-	-	-	-	15.9571	-	-	-	
GMP680N	FS1	-	-	1.5121	-	0.1986	15.8016	-	-	-	

GMP680N		-	-	-	-	-	-	-0.1986	-	300.6721	
GMP680N	BS1	1.5121	-	-	-	-	15.7981	-	-	-	
13	FS1	-	-	1.3729	0.1392	-	15.8798	-	-	-	
13		-	-	-	-	-	-	0.1392	-	300.8113	
13	BS1	0.6761	-	-	-	-	22.3806	-	-	-	
14	FS1	-	-	1.2411	-	0.5649	23.5837	-	-	-	
14		-	-	-	-	-	-	-0.5649	-	300.2463	
14	BS1	1.0778	-	-	-	-	23.7421	-	-	-	
15	FS1	-	-	1.3157	-	0.2379	23.8722	-	-	-	
15		-	-	-	-	-	-	-0.2379	-	300.0085	
15	BS1	1.0867	-	-	-	-	22.4956	-	-	-	
16	FS1	-	-	1.4241	-	0.3375	23.4194	-	-	-	
16		-	-	-	-	-	-	-0.3375	-	299.6710	
16	BS1	1.3184	-	-	-	-	13.3516	-	-	-	
GMP679	FS1	-	-	2.3402	-	1.0218	15.0001	-	-	-	
GMP679		-	-	-	-	-	-	-1.0218	-	298.6492	
GMP679	BS1	2.3403	-	-	-	-	15.0032	-	-	-	
17	FS1	-	-	1.2990	1.0413	-	14.9249	-	-	-	
17		-	-	-	-	-	-	1.0413	-	299.6905	
17	BS1	1.9429	-	-	-	-	25.3598	-	-	-	
18	FS1	-	-	0.9410	1.0019	-	24.4992	-	-	-	
18		-	-	-	-	-	-	1.0019	-	300.6924	
18	BS1	0.9299	-	-	-	-	17.2875	-	-	-	
19	FS1	-	-	2.5586	-	1.6287	16.6324	-	-	-	
19		-	-	-	-	-	-	-1.6287	-	299.0637	
19	BS1	1.0800	-	-	-	-	10.5067	-	-	-	
GMP678	FS1	-	-	2.2919	-	1.2119	10.4956	-	-	-	
GMP678		-	-	-	-	-	-	-1.2119	-	297.8518	
GMP678	BS1	2.2919	-	-	-	-	10.4952	-	-	-	
20	FS1	-	-	0.9435	1.3484	-	10.1781	-	-	-	
20		-	-	-	-	-	-	1.3484	-	299.2002	
20	BS1	2.3271	-	-	-	-	15.8540	-	-	-	
21	FS1	-	-	1.3071	1.0200	-	16.6882	-	-	-	
21		-	-	-	-	-	-	1.0200	-	300.2202	
21	BS1	1.2957	-	-	-	-	25.1857	-	-	-	
22	FS1	-	-	1.3611	-	0.0654	24.9101	-	-	-	
22		-	-	-	-	-	-	-0.0654	-	300.1548	
22	BS1	1.3731	-	-	-	-	23.7542	-	-	-	
23	FS1	-	-	1.4618	-	0.0887	22.9158	-	-	-	
23		-	-	-	-	-	-	-0.0887	-	300.0661	
23	BS1	1.6558	-	-	-	-	10.1287	-	-	-	
GMP677N	FS1	-	-	1.7228	-	0.0670	9.2858	-	-	-	
GMP677N		-	-	-	-	-	-	-0.0670	-	300.0000	

Leica Geosystems AG
Heinrich Wild Strasse
CH-9435 Heerbrugg
St. Gallen, Switzerland

Phone: + 41 71 727 3131
Fax: + 41 71 727 4674

- when it has to be right

Level Report

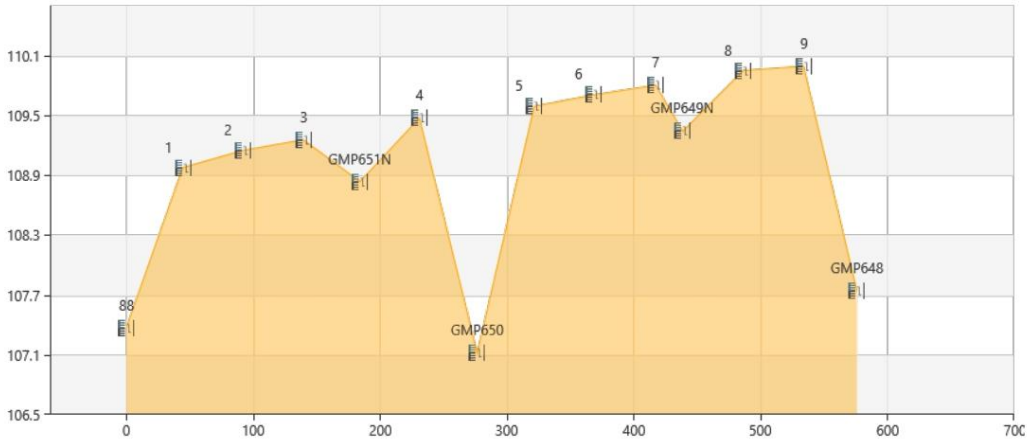
Report created: 03.04.2024 10:25:40

Project Details

General		Customer Details		Master Coordinate System	
Project Name:	POL2_GSI	Customer Name:	-	Coordinate System Name:	None
Owner:	-	Contact Person:	-	Transformation Type:	-
Lead Surveyor:	-	Number:	-	Residual Distribution:	-
Date Created:	02.04.2024 16:31:02	Email:	-	Ellipsoid:	-
Last Accessed:	03.04.2024 10:24:57	Skype:	-	Projection Type:	-
Application Software:	Infinity 4.0.0	Website:	-	Geoid Model:	-
				CSCS Model:	-

Path:	C:\Users\TOP-PC\Documents\Leica Geosystems\Infinity\Projects\POL2_GSI\POL2_GSI.iprj
Size:	0.2 MB
Comments:	-

Level Line Id: Line 003



General

Date/Time	2.4.2024. 16:40:25	Instrument Type:	
Staff One Id:	-	Method:	BF
Staff Two Id:	-	Stations:	13
Start Point:	88	Observations:	26
End Point:	GMP648		

Results

Height Difference:	0.3676 m	Height Error / Point:	0.0000 m
Length:	576.0319 m	Total Distance Balance:	-2.1562 m
Misclosure:	0.0000 m	Total Station Difference:	-

Processing Parameters

Adjustment Method:	No Adjustment
Staff Corrections:	Not Applied

Points

Point Id	Date/Time	Height [m]	ΔHeight [m]	SD [m]
88	2.4.2024. 16:40:26	107.3726	-	-
1	2.4.2024. 16:40:30	108.9761	1.6035	0.0003
2	2.4.2024. 16:40:34	109.1475	0.1714	0.0004

3	2.4.2024. 16:40:38	109.2557	0.1082	0.0005
GMP651N	2.4.2024. 16:40:42	108.8369	-0.4187	0.0006
4	2.4.2024. 16:40:46	109.4729	0.6359	0.0006
GMP650	2.4.2024. 16:40:50	107.1198	-2.3531	0.0007
5	2.4.2024. 16:40:54	109.5903	2.4704	0.0007
6	2.4.2024. 16:40:58	109.7053	0.1150	0.0008
7	2.4.2024. 16:41:02	109.8025	0.0972	0.0008
GMP649N	2.4.2024. 16:41:06	109.3416	-0.4609	0.0009
8	2.4.2024. 16:41:10	109.9490	0.6074	0.0009
9	2.4.2024. 16:41:14	109.9925	0.0434	0.0010
GMP648	2.4.2024. 16:41:18	107.7401	-2.2524	0.0010

Line Tolerances

Allowable Misclosure E = a + b √ L: 0.0058 m
a: 0.0020 m
b: 0.0050 m/√km
L (Level Line Length): 0.5760 km
Height Error / Point: 0.0005 m
Total Distance Balance: 10.0000 m

Observation Tolerances

Double Observation Check: 0.0010 m
Station Difference: 0.0003 m
Max. Sight Distance: 40.0000 m
Min. Ground Clearance: 0.5000 m

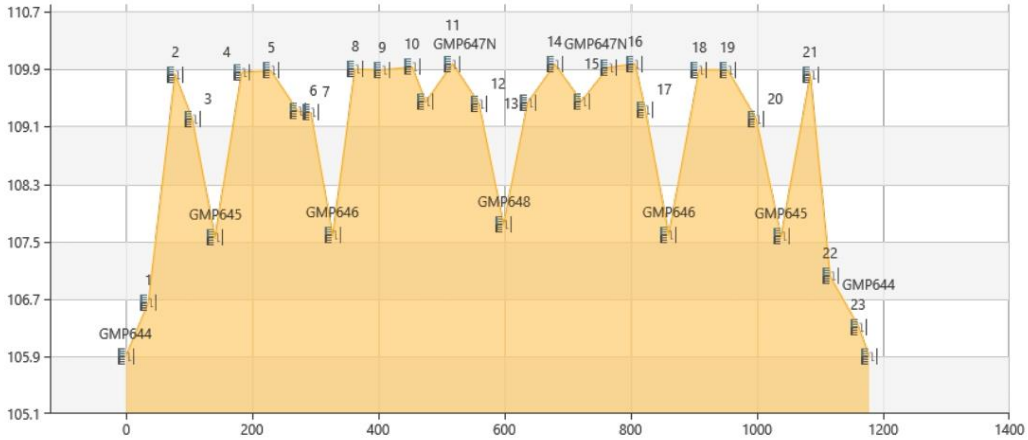
Point Height Tolerances

Height Spread: 0.0200 m
Max. Difference From Fixed Height: 0.0100 m

Booking Sheet

Point Id	Type	BS [m]	IS [m]	FS [m]	Rise [m]	Fall [m]	Hz Dist. [m]	ΔHeight [m]	ΔHeight Corr. [m]	Height [m]	Remark
88		-	-	-	-	-	-	0.0000	0.0000	107.3726	
88	BS1	2.1746	-	-	-	-	22.6971	-	-	-	
1	FS1	-	-	0.5711	1.6035	-	21.8880	-	-	-	
1		-	-	-	-	-	-	1.6035	-	108.9761	
1	BS1	1.4687	-	-	-	-	23.3674	-	-	-	
2	FS1	-	-	1.2973	0.1714	-	23.6314	-	-	-	
2		-	-	-	-	-	-	0.1714	-	109.1475	
2	BS1	1.4109	-	-	-	-	23.8602	-	-	-	
3	FS1	-	-	1.3028	0.1082	-	24.1646	-	-	-	
3		-	-	-	-	-	-	0.1082	-	109.2557	
3	BS1	1.4265	-	-	-	-	22.6691	-	-	-	
GMP651N	FS1	-	-	1.8452	-	0.4187	22.0218	-	-	-	
GMP651N		-	-	-	-	-	-	-0.4187	-	108.8369	
GMP651N	BS1	1.9815	-	-	-	-	23.2819	-	-	-	
4	FS1	-	-	1.3455	0.6359	-	23.5896	-	-	-	
4		-	-	-	-	-	-	0.6359	-	109.4729	
4	BS1	1.3043	-	-	-	-	23.2383	-	-	-	
GMP650	FS1	-	-	3.6574	-	2.3531	22.2905	-	-	-	
GMP650		-	-	-	-	-	-	-2.3531	-	107.1198	
GMP650	BS1	3.6574	-	-	-	-	22.2890	-	-	-	
5	FS1	-	-	1.1869	2.4704	-	22.6068	-	-	-	
5		-	-	-	-	-	-	2.4704	-	109.5903	
5	BS1	1.3147	-	-	-	-	23.2998	-	-	-	
6	FS1	-	-	1.1997	0.1151	-	23.6003	-	-	-	
6		-	-	-	-	-	-	0.1151	-	109.7053	
6	BS1	1.3399	-	-	-	-	24.0673	-	-	-	
7	FS1	-	-	1.2427	0.0972	-	24.8084	-	-	-	
7		-	-	-	-	-	-	0.0972	-	109.8025	
7	BS1	1.3212	-	-	-	-	10.1071	-	-	-	
GMP649N	FS1	-	-	1.7821	-	0.4609	11.2214	-	-	-	
GMP649N		-	-	-	-	-	-	-0.4609	-	109.3416	
GMP649N	BS1	1.8666	-	-	-	-	23.7188	-	-	-	
8	FS1	-	-	1.2592	0.6074	-	24.1527	-	-	-	
8		-	-	-	-	-	-	0.6074	-	109.9490	
8	BS1	1.3259	-	-	-	-	23.3764	-	-	-	
9	FS1	-	-	1.2824	0.0434	-	23.9731	-	-	-	
9		-	-	-	-	-	-	0.0434	-	109.9925	
9	BS1	0.6969	-	-	-	-	20.9654	-	-	-	
GMP648	FS1	-	-	2.9493	-	2.2524	21.1455	-	-	-	
GMP648		-	-	-	-	-	-	-2.2524	-	107.7401	

Level Line Id: Line 001



General

Date/Time	2.4.2024. 16:30:35	Instrument Type:	
Staff One Id:	-	Method:	BF
Staff Two Id:	-	Stations:	31
Start Point:	GMP644	Observations:	62
End Point:	GMP644		

Results

Height Difference:	0.0068 m	Height Error / Point:	0.0002 m
Length:	1177.7853 m	Total Distance Balance:	1.0005 m
Misclosure:	**0.0068 m**	Total Station Difference:	-

Processing Parameters

Adjustment Method:	No Adjustment
Staff Corrections:	Not Applied

Points

Point Id	Date/Time	Height [m]	ΔHeight [m]	SD [m]
GMP644	2.4.2024. 16:30:36	105.9041	-	0.0016
1	2.4.2024. 16:30:40	106.6444	0.7403	0.0003
2	2.4.2024. 16:30:44	109.8291	3.1847	0.0004
3	2.4.2024. 16:30:48	109.2026	-0.6265	0.0005
GMP645	2.4.2024. 16:30:52	107.5633	-1.6393	0.0006
4	2.4.2024. 16:30:56	109.8567	2.2934	0.0006
5	2.4.2024. 16:31:00	109.8811	0.0243	0.0007
6	2.4.2024. 16:31:04	109.3162	-0.5649	0.0007
7	2.4.2024. 16:31:08	109.2967	-0.0195	0.0008
GMP646	2.4.2024. 16:31:12	107.5902	-1.7065	0.0008
8	2.4.2024. 16:31:16	109.9000	2.3098	0.0009
9	2.4.2024. 16:31:20	109.8900	-0.0101	0.0009
10	2.4.2024. 16:31:24	109.9331	0.0431	0.0010
GMP647N	2.4.2024. 16:31:28	109.4439	-0.4892	0.0010
11	2.4.2024. 16:31:32	109.9763	0.5324	0.0011
12	2.4.2024. 16:31:36	109.4238	-0.5525	0.0011
GMP648	2.4.2024. 16:31:40	107.7439	-1.6799	0.0011
13	2.4.2024. 16:31:44	109.4333	1.6894	0.0012
14	2.4.2024. 16:31:48	109.9678	0.5345	0.0012
GMP647N	2.4.2024. 16:31:52	109.4522	-0.5155	0.0012
15	2.4.2024. 16:31:56	109.9253	0.4731	0.0013
16	2.4.2024. 16:32:00	109.9771	0.0518	0.0013
17	2.4.2024. 16:32:04	109.3350	-0.6421	0.0013
GMP646	2.4.2024. 16:32:08	107.5983	-1.7366	0.0014
18	2.4.2024. 16:32:12	109.8912	2.2929	0.0014
19	2.4.2024. 16:32:16	109.8916	0.0005	0.0014
20	2.4.2024. 16:32:20	109.2112	-0.6804	0.0014
GMP645	2.4.2024. 16:32:24	107.5710	-1.6402	0.0015
21	2.4.2024. 16:32:28	109.8205	2.2495	0.0015
22	2.4.2024. 16:32:32	107.0139	-2.8067	0.0015
23	2.4.2024. 16:32:36	106.3110	-0.7028	0.0015
GMP644	2.4.2024. 16:30:36	105.9041	-0.4069	0.0016

Line Tolerances

Allowable Misclosure E = a + b √ L:	0.0074 m
a:	0.0020 m
b:	0.0050 m/√km
L (Level Line Length):	1.1778 km
Height Error / Point:	0.0005 m
Total Distance Balance:	10.0000 m

Observation Tolerances

Double Observation Check:	0.0010 m
Station Difference:	0.0003 m
Max. Sight Distance:	40.0000 m
Min. Ground Clearance:	0.5000 m

Point Height Tolerances

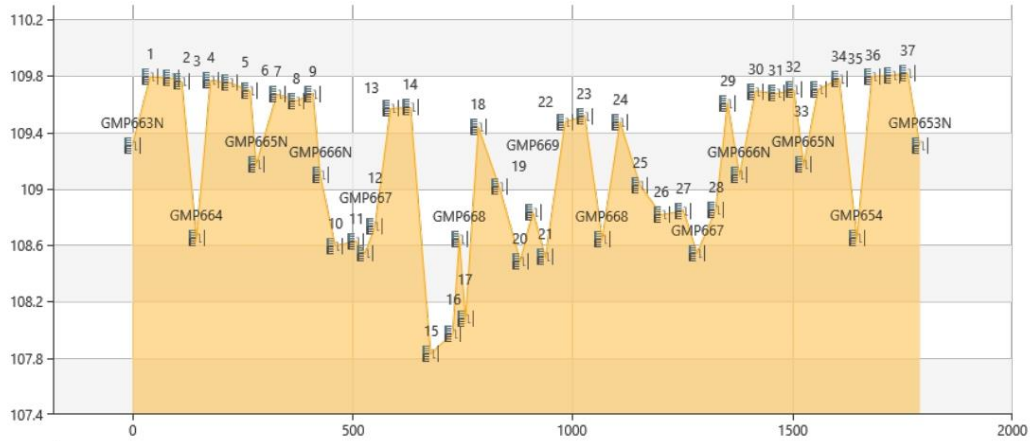
Height Spread:	0.0200 m
Max. Difference From Fixed Height:	0.0100 m

Booking Sheet

Point Id	Type	BS [m]	IS [m]	FS [m]	Rise [m]	Fall [m]	Hz Dist. [m]	ΔHeight [m]	ΔHeight Corr. [m]	Height [m]	Remark
GMP644		-	-	-	-	-	-	0.0000	0.0000	105.9041	
GMP644	BS1	1.9692	-	-	-	-	18.1508	-	-	-	
1	FS1	-	-	1.2289	0.7403	-	17.3697	-	-	-	
1		-	-	-	-	-	-	0.7403	-	106.6444	
1	BS1	3.7778	-	-	-	-	21.1725	-	-	-	
2	FS1	-	-	0.5932	3.1847	-	21.2505	-	-	-	
2		-	-	-	-	-	-	3.1847	-	109.8291	
2	BS1	0.7268	-	-	-	-	13.8505	-	-	-	
3	FS1	-	-	1.3533	-	0.6265	13.6328	-	-	-	
3		-	-	-	-	-	-	-0.6265	-	109.2026	
3	BS1	1.2179	-	-	-	-	17.0696	-	-	-	
GMP645	FS1	-	-	2.8571	-	1.6393	18.7825	-	-	-	
GMP645		-	-	-	-	-	-	-1.6393	-	107.5633	
GMP645	BS1	2.9033	-	-	-	-	21.1502	-	-	-	
4	FS1	-	-	0.6099	2.2934	-	21.1193	-	-	-	
4		-	-	-	-	-	-	2.2934	-	109.8567	
4	BS1	1.5036	-	-	-	-	22.7685	-	-	-	
5	FS1	-	-	1.4792	0.0243	-	23.3419	-	-	-	
5		-	-	-	-	-	-	0.0243	-	109.8811	
5	BS1	1.4683	-	-	-	-	21.4544	-	-	-	
6	FS1	-	-	2.0331	-	0.5649	21.2864	-	-	-	
6		-	-	-	-	-	-	-0.5649	-	109.3162	
6	BS1	2.0418	-	-	-	-	10.4611	-	-	-	
7	FS1	-	-	2.0613	-	0.0195	10.3019	-	-	-	
7		-	-	-	-	-	-	-0.0195	-	109.2967	
7	BS1	1.1471	-	-	-	-	17.4509	-	-	-	
GMP646	FS1	-	-	2.8537	-	1.7065	17.1225	-	-	-	
GMP646		-	-	-	-	-	-	-1.7065	-	107.5902	
GMP646	BS1	2.8536	-	-	-	-	17.0943	-	-	-	
8	FS1	-	-	0.5438	2.3098	-	18.0042	-	-	-	
8		-	-	-	-	-	-	2.3098	-	109.9000	
8	BS1	1.4109	-	-	-	-	21.8722	-	-	-	
9	FS1	-	-	1.4209	-	0.0101	20.7454	-	-	-	
9		-	-	-	-	-	-	-0.0101	-	109.8900	
9	BS1	1.4409	-	-	-	-	24.3403	-	-	-	
10	FS1	-	-	1.3978	0.0431	-	23.8682	-	-	-	
10		-	-	-	-	-	-	0.0431	-	109.9331	
10	BS1	1.4362	-	-	-	-	9.8270	-	-	-	
GMP647N	FS1	-	-	1.9254	-	0.4892	11.5891	-	-	-	
GMP647N		-	-	-	-	-	-	-0.4892	-	109.4439	
GMP647N	BS1	1.9240	-	-	-	-	21.4839	-	-	-	
11	FS1	-	-	1.3917	0.5324	-	21.2190	-	-	-	
11		-	-	-	-	-	-	0.5324	-	109.9763	
11	BS1	1.4113	-	-	-	-	21.0911	-	-	-	
12	FS1	-	-	1.9638	-	0.5525	20.5577	-	-	-	
12		-	-	-	-	-	-	-0.5525	-	109.4238	
12	BS1	1.2923	-	-	-	-	19.6388	-	-	-	
GMP648	FS1	-	-	2.9722	-	1.6799	19.3409	-	-	-	
GMP648		-	-	-	-	-	-	-1.6799	-	107.7439	
GMP648	BS1	2.9801	-	-	-	-	19.3350	-	-	-	
13	FS1	-	-	1.2907	1.6894	-	18.8546	-	-	-	
13		-	-	-	-	-	-	1.6894	-	109.4333	
13	BS1	1.9071	-	-	-	-	20.8236	-	-	-	
14	FS1	-	-	1.3726	0.5345	-	22.3461	-	-	-	
14		-	-	-	-	-	-	0.5345	-	109.9678	
14	BS1	1.3339	-	-	-	-	21.6549	-	-	-	
GMP647N	FS1	-	-	1.8494	-	0.5155	20.2818	-	-	-	
GMP647N		-	-	-	-	-	-	-0.5155	-	109.4522	
GMP647N	BS1	1.8166	-	-	-	-	21.6691	-	-	-	
15	FS1	-	-	1.3435	0.4731	-	20.7360	-	-	-	
15		-	-	-	-	-	-	0.4731	-	109.9253	
15	BS1	1.3058	-	-	-	-	21.4890	-	-	-	

16	FS1	-	-	1.2540	0.0518	-	21.0071	-	-	-	
16		-	-	-	-	-	-	0.0518	-	109.9771	
16	BS1	0.7114	-	-	-	-	8.5697	-	-	-	
17	FS1	-	-	1.3535	-	0.6421	7.7758	-	-	-	
17		-	-	-	-	-	-	-0.6421	-	109.3350	
17	BS1	1.0762	-	-	-	-	18.0627	-	-	-	
GMP646	FS1	-	-	2.8128	-	1.7367	19.1532	-	-	-	
GMP646		-	-	-	-	-	-	-1.7367	-	107.5983	
GMP646	BS1	2.8292	-	-	-	-	24.6755	-	-	-	
18	FS1	-	-	0.5363	2.2929	-	23.4317	-	-	-	
18		-	-	-	-	-	-	2.2929	-	109.8912	
18	BS1	1.3708	-	-	-	-	22.6420	-	-	-	
19	FS1	-	-	1.3704	0.0005	-	22.3944	-	-	-	
19		-	-	-	-	-	-	0.0005	-	109.8916	
19	BS1	1.3665	-	-	-	-	22.0984	-	-	-	
20	FS1	-	-	2.0469	-	0.6805	23.1891	-	-	-	
20		-	-	-	-	-	-	-0.6805	-	109.2112	
20	BS1	1.1631	-	-	-	-	19.7050	-	-	-	
GMP645	FS1	-	-	2.8033	-	1.6402	19.7886	-	-	-	
GMP645		-	-	-	-	-	-	-1.6402	-	107.5710	
GMP645	BS1	2.7012	-	-	-	-	23.2696	-	-	-	
21	FS1	-	-	**0.4517**	2.2495	-	22.9973	-	-	-	
21		-	-	-	-	-	-	2.2495	-	109.8205	
21	BS1	0.5059	-	-	-	-	15.9548	-	-	-	
22	FS1	-	-	3.3126	-	2.8067	15.6059	-	-	-	
22		-	-	-	-	-	-	-2.8067	-	107.0139	
22	BS1	1.0373	-	-	-	-	22.1395	-	-	-	
23	FS1	-	-	1.7402	-	0.7028	22.9872	-	-	-	
23		-	-	-	-	-	-	-0.7028	-	106.3110	
23	BS1	1.1370	-	-	-	-	8.4283	-	-	-	
GMP644	FS1	-	-	1.5372	-	0.4002	8.3116	-	-	-	
GMP644		-	-	-	-	-	-	-0.4002	-	105.9041	

Level Line Id: Line 004



General

Date/Time	2.4.2024. 16:41:20	Instrument Type:	
Staff One Id:	-	Method:	BF
Staff Two Id:	-	Stations:	49
Start Point:	GMP663N	Observations:	98
End Point:	GMP653N		

Results

Height Difference:	0.0002 m	Height Error / Point:	0.0000 m
Length:	1789.3224 m	Total Distance Balance:	-8.4544 m
Misclosure:	0.0000 m	Total Station Difference:	-

Processing Parameters

Adjustment Method:	No Adjustment
Staff Corrections:	Not Applied

Points

Point Id	Date/Time	Height [m]	ΔHeight [m]	SD [m]
GMP663N	2.4.2024. 16:41:21	109.3072	-	-
1	2.4.2024. 16:41:29	109.7937	0.4866	0.0003
2	2.4.2024. 16:41:33	109.7844	-0.0093	0.0004
3	2.4.2024. 16:41:37	109.7586	-0.0258	0.0005
GMP664	2.4.2024. 16:41:41	108.6499	-1.1087	0.0006
4	2.4.2024. 16:41:45	109.7672	1.1173	0.0006
5	2.4.2024. 16:41:49	109.7524	-0.0148	0.0007
6	2.4.2024. 16:41:53	109.6934	-0.0590	0.0007
GMP665N	2.4.2024. 16:41:57	109.1724	-0.5210	0.0008
7	2.4.2024. 16:42:01	109.6699	0.4975	0.0008
8	2.4.2024. 16:42:05	109.6233	-0.0466	0.0009
9	2.4.2024. 16:42:09	109.6735	0.0502	0.0009
GMP666N	2.4.2024. 16:42:13	109.0980	-0.5755	0.0010
10	2.4.2024. 16:42:17	108.5958	-0.5022	0.0010
11	2.4.2024. 16:42:21	108.6267	0.0309	0.0011
GMP667	2.4.2024. 16:42:25	108.5435	-0.0832	0.0011
12	2.4.2024. 16:42:29	108.7314	0.1878	0.0011
13	2.4.2024. 16:42:33	109.5684	0.8371	0.0012
14	2.4.2024. 16:42:37	109.5760	0.0076	0.0012
15	2.4.2024. 16:42:41	107.8302	-1.7459	0.0012
16	2.4.2024. 16:42:45	107.9750	0.1449	0.0013
GMP668	2.4.2024. 16:42:49	108.6433	0.6682	0.0013
17	2.4.2024. 16:42:53	108.0789	-0.5644	0.0013
18	2.4.2024. 16:42:57	109.4348	1.3558	0.0014
19	2.4.2024. 16:43:01	109.0193	-0.4155	0.0014
20	2.4.2024. 16:43:05	108.4892	-0.5301	0.0014
GMP669	2.4.2024. 16:43:09	108.8345	0.3454	0.0014
21	2.4.2024. 16:43:13	108.5160	-0.3186	0.0015
22	2.4.2024. 16:43:17	109.4731	0.9572	0.0015
23	2.4.2024. 16:43:21	109.5163	0.0432	0.0015
GMP668	2.4.2024. 16:43:25	108.6437	-0.8726	0.0015
24	2.4.2024. 16:43:29	109.4723	0.8287	0.0016
25	2.4.2024. 16:43:33	109.0242	-0.4481	0.0016
26	2.4.2024. 16:43:37	108.8137	-0.2105	0.0016
27	2.4.2024. 16:43:41	108.8451	0.0314	0.0016
GMP667	2.4.2024. 16:43:45	108.5436	-0.3014	0.0017
28	2.4.2024. 16:43:49	108.8521	0.3084	0.0017
29	2.4.2024. 16:43:53	109.6046	0.7525	0.0017
GMP666N	2.4.2024. 16:43:57	109.0985	-0.5062	0.0017
30	2.4.2024. 16:44:01	109.6907	0.5922	0.0018
31	2.4.2024. 16:44:05	109.6748	-0.0158	0.0018
32	2.4.2024. 16:44:09	109.7013	0.0265	0.0018
GMP665N	2.4.2024. 16:44:13	109.1726	-0.5288	0.0018
33	2.4.2024. 16:44:17	109.7030	0.5305	0.0019
34	2.4.2024. 16:44:21	109.7799	0.0769	0.0019
GMP654	2.4.2024. 16:44:25	108.6499	-1.1300	0.0019
35	2.4.2024. 16:44:29	109.7961	1.1461	0.0019
36	2.4.2024. 16:44:33	109.8038	0.0077	0.0019
37	2.4.2024. 16:44:37	109.8209	0.0171	0.0020
GMP653N	2.4.2024. 16:44:41	109.3073	-0.5135	0.0020

Line Tolerances

Allowable Misclosure E = a + b √ L:	0.0087 m
a:	0.0020 m
b:	0.0050 m/√km
L (Level Line Length):	1.7893 km
Height Error / Point:	0.0005 m
Total Distance Balance:	10.0000 m

Observation Tolerances

Double Observation Check:	0.0010 m
Station Difference:	0.0003 m
Max. Sight Distance:	40.0000 m
Min. Ground Clearance:	0.5000 m

Point Height Tolerances

Height Spread:	0.0200 m
Max. Difference From Fixed Height:	0.0100 m

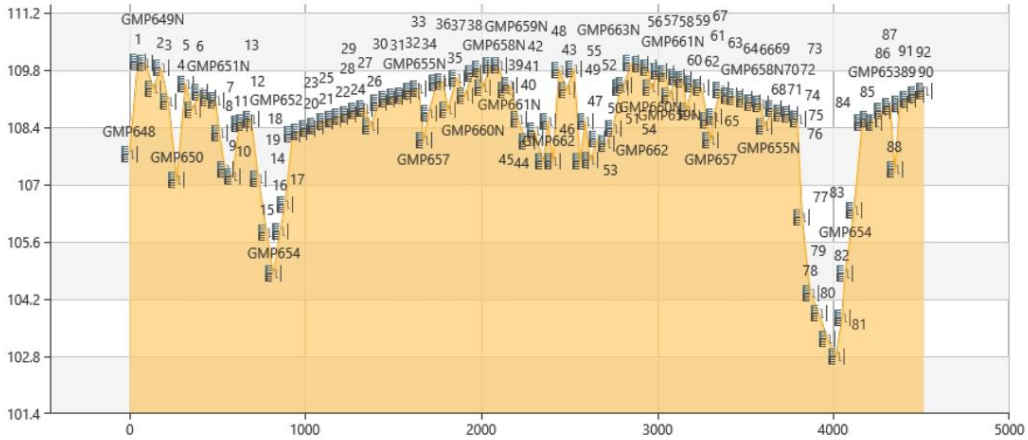
Booking Sheet

Point Id	Type	BS [m]	IS [m]	FS [m]	Rise [m]	Fall [m]	Hz Dist. [m]	ΔHeight [m]	ΔHeight Corr. [m]	Height [m]	Remark
GMP663N		-	-	-	-	-	-	0.0000	0.0000	109.3072	
GMP663N	BS1	2.0572	-	-	-	0.8173	20.0513	-	-	-	
1	FS1	-	-	1.5706	0.4866	-	20.7833	-	-	-	
1		-	-	-	-	-	-	0.4866	-	109.7937	
1	BS1	1.5405	-	-	-	-	23.9041	-	-	-	
2	FS1	-	-	1.5498	-	0.0093	23.8144	-	-	-	
2		-	-	-	-	-	-	-0.0093	-	109.7844	
2	BS1	1.5236	-	-	-	-	11.2308	-	-	-	
3	FS1	-	-	1.5494	-	0.0258	12.3015	-	-	-	
3		-	-	-	-	-	-	-0.0258	-	109.7586	

3	BS1	1.5329	-	-	-	-	16.8082	-	-	-	
GMP664	FS1	-	-	2.6416	-	1.1087	16.6452	-	-	-	
GMP664		-	-	-	-	-	-	-1.1087	-	108.6499	
GMP664	BS1	2.6417	-	-	-	-	16.6498	-	-	-	
4	FS1	-	-	1.5244	1.1173	-	15.7853	-	-	-	
4		-	-	-	-	-	-	1.1173	-	109.7672	
4	BS1	1.5032	-	-	-	-	21.3582	-	-	-	
5	FS1	-	-	1.5181	-	0.0148	21.7212	-	-	-	
5		-	-	-	-	-	-	-0.0148	-	109.7524	
5	BS1	1.4898	-	-	-	-	22.7743	-	-	-	
6	FS1	-	-	1.5488	-	0.0590	23.5559	-	-	-	
6		-	-	-	-	-	-	-0.0590	-	109.6934	
6	BS1	1.5289	-	-	-	-	7.3954	-	-	-	
GMP665N	FS1	-	-	2.0500	-	0.5210	6.6092	-	-	-	
GMP665N		-	-	-	-	-	-	-0.5210	-	109.1724	
GMP665N	BS1	2.0433	-	-	-	-	23.1570	-	-	-	
7	FS1	-	-	1.5457	0.4975	-	24.1173	-	-	-	
7		-	-	-	-	-	-	0.4975	-	109.6699	
7	BS1	1.5021	-	-	-	-	22.0654	-	-	-	
8	FS1	-	-	1.5487	-	0.0466	22.3728	-	-	-	
8		-	-	-	-	-	-	-0.0466	-	109.6233	
8	BS1	1.5311	-	-	-	-	17.9867	-	-	-	
9	FS1	-	-	1.4809	0.0502	-	19.4176	-	-	-	
9		-	-	-	-	-	-	0.0502	-	109.6735	
9	BS1	1.4728	-	-	-	-	8.0428	-	-	-	
GMP666N	FS1	-	-	2.0483	-	0.5755	8.2132	-	-	-	
GMP666N		-	-	-	-	-	-	-0.5755	-	109.0980	
GMP666N	BS1	2.0147	-	-	-	-	16.2766	-	-	-	
10	FS1	-	-	2.5169	-	0.5022	17.9056	-	-	-	
10		-	-	-	-	-	-	-0.5022	-	108.5958	
10	BS1	1.4504	-	-	-	-	23.7002	-	-	-	
11	FS1	-	-	1.4195	0.0309	-	23.8389	-	-	-	
11		-	-	-	-	-	-	0.0309	-	108.6267	
11	BS1	1.5220	-	-	-	-	10.3195	-	-	-	
GMP667	FS1	-	-	1.6052	-	0.0832	10.5904	-	-	-	
GMP667		-	-	-	-	-	-	-0.0832	-	108.5435	
GMP667	BS1	1.6052	-	-	-	-	10.5884	-	-	-	
12	FS1	-	-	1.4173	0.1878	-	11.2316	-	-	-	
12		-	-	-	-	-	-	0.1878	-	108.7314	
12	BS1	2.3175	-	-	-	-	17.2996	-	-	-	
13	FS1	-	-	1.4804	0.8371	-	18.3526	-	-	-	
13		-	-	-	-	-	-	0.8371	-	109.5684	
13	BS1	1.4710	-	-	-	-	22.8524	-	-	-	
14	FS1	-	-	1.4634	0.0076	-	22.4820	-	-	-	
14		-	-	-	-	-	-	0.0076	-	109.5760	
14	BS1	1.4308	-	-	-	-	23.1439	-	-	-	
15	FS1	-	-	3.1766	-	1.7459	22.3417	-	-	-	
15		-	-	-	-	-	-	-1.7459	-	107.8302	
15	BS1	1.3596	-	-	-	-	25.0736	-	-	-	
16	FS1	-	-	1.2147	0.1449	-	25.6835	-	-	-	
16		-	-	-	-	-	-	0.1449	-	107.9750	
16	BS1	1.5249	-	-	-	-	7.6663	-	-	-	
GMP668	FS1	-	-	0.8567	0.6682	-	6.9806	-	-	-	
GMP668		-	-	-	-	-	-	0.6682	-	108.6433	
GMP668	BS1	0.8567	-	-	-	-	6.9824	-	-	-	
17	FS1	-	-	1.4210	-	0.5644	7.0682	-	-	-	
17		-	-	-	-	-	-	-0.5644	-	108.0789	
17	BS1	2.8427	-	-	-	-	14.6432	-	-	-	
18	FS1	-	-	1.4869	1.3558	-	14.6031	-	-	-	
18		-	-	-	-	-	-	1.3558	-	109.4348	
18	BS1	1.4596	-	-	-	-	23.0961	-	-	-	
19	FS1	-	-	1.8751	-	0.4155	23.7010	-	-	-	
19		-	-	-	-	-	-	-0.4155	-	109.0193	
19	BS1	1.1477	-	-	-	-	23.9493	-	-	-	
20	FS1	-	-	1.6778	-	0.5301	24.4595	-	-	-	
20		-	-	-	-	-	-	-0.5301	-	108.4892	
20	BS1	1.3602	-	-	-	-	13.7957	-	-	-	
GMP669	FS1	-	-	1.0148	0.3454	-	14.7884	-	-	-	
GMP669		-	-	-	-	-	-	0.3454	-	108.8345	
GMP669	BS1	1.0149	-	-	-	-	14.7858	-	-	-	
21	FS1	-	-	1.3335	-	0.3186	14.0214	-	-	-	
21		-	-	-	-	-	-	-0.3186	-	108.5160	
21	BS1	1.9448	-	-	-	-	22.5235	-	-	-	

22	FS1	-	-	0.9876	0.9572	-	21.9595	-	-	-	
22		-	-	-	-	-	-	0.9572	-	109.4731	
22	BS1	1.4786	-	-	-	-	21.8458	-	-	-	
23	FS1	-	-	1.4354	0.0432	-	22.4230	-	-	-	
23		-	-	-	-	-	-	0.0432	-	109.5163	
23	BS1	0.7049	-	-	-	-	19.6361	-	-	-	
GMP668	FS1	-	-	1.5775	-	0.8726	20.2109	-	-	-	
GMP668		-	-	-	-	-	-	-0.8726	-	108.6437	
GMP668	BS1	1.5775	-	-	-	-	20.2125	-	-	-	
24	FS1	-	-	0.7489	0.8287	-	20.3663	-	-	-	
24		-	-	-	-	-	-	0.8287	-	109.4723	
24	BS1	1.5506	-	-	-	-	22.3940	-	-	-	
25	FS1	-	-	1.9987	-	0.4481	23.2673	-	-	-	
25		-	-	-	-	-	-	-0.4481	-	109.0242	
25	BS1	1.1876	-	-	-	-	24.4051	-	-	-	
26	FS1	-	-	1.3981	-	0.2105	23.8885	-	-	-	
26		-	-	-	-	-	-	-0.2105	-	108.8137	
26	BS1	1.5863	-	-	-	-	24.7675	-	-	-	
27	FS1	-	-	1.5549	0.0314	-	25.2113	-	-	-	
27		-	-	-	-	-	-	0.0314	-	108.8451	
27	BS1	1.4400	-	-	-	-	14.7803	-	-	-	
GMP667	FS1	-	-	1.7414	-	0.3014	16.5026	-	-	-	
GMP667		-	-	-	-	-	-	-0.3014	-	108.5436	
GMP667	BS1	1.5596	-	-	-	-	21.0829	-	-	-	
28	FS1	-	-	1.2512	0.3084	-	21.4847	-	-	-	
28		-	-	-	-	-	-	0.3084	-	108.8521	
28	BS1	2.3051	-	-	-	-	13.0408	-	-	-	
29	FS1	-	-	1.5525	0.7525	-	13.5162	-	-	-	
29		-	-	-	-	-	-	0.7525	-	109.6046	
29	BS1	1.5638	-	-	-	-	14.2706	-	-	-	
GMP666N	FS1	-	-	2.0700	-	0.5062	13.1337	-	-	-	
GMP666N		-	-	-	-	-	-	-0.5062	-	109.0985	
GMP666N	BS1	2.0685	-	-	-	-	18.0378	-	-	-	
30	FS1	-	-	1.4763	0.5922	-	18.3706	-	-	-	
30		-	-	-	-	-	-	0.5922	-	109.6907	
30	BS1	1.4900	-	-	-	-	23.7721	-	-	-	
31	FS1	-	-	1.5058	-	0.0158	23.4850	-	-	-	
31		-	-	-	-	-	-	-0.0158	-	109.6748	
31	BS1	1.5404	-	-	-	-	19.8106	-	-	-	
32	FS1	-	-	1.5139	0.0265	-	19.5667	-	-	-	
32		-	-	-	-	-	-	0.0265	-	109.7013	
32	BS1	1.5253	-	-	-	-	11.3417	-	-	-	
GMP665N	FS1	-	-	2.0540	-	0.5288	11.1901	-	-	-	
GMP665N		-	-	-	-	-	-	-0.5288	-	109.1726	
GMP665N	BS1	2.0488	-	-	-	-	16.5739	-	-	-	
33	FS1	-	-	1.5183	0.5305	-	16.6811	-	-	-	
33		-	-	-	-	-	-	0.5305	-	109.7030	
33	BS1	1.5398	-	-	-	-	23.7091	-	-	-	
34	FS1	-	-	1.4629	0.0769	-	23.6102	-	-	-	
34		-	-	-	-	-	-	0.0769	-	109.7799	
34	BS1	1.4825	-	-	-	-	20.5838	-	-	-	
GMP654	FS1	-	-	2.6125	-	1.1300	19.5487	-	-	-	
GMP654		-	-	-	-	-	-	-1.1300	-	108.6499	
GMP654	BS1	2.6259	-	-	-	-	17.3628	-	-	-	
35	FS1	-	-	1.4797	1.1461	-	17.0749	-	-	-	
35		-	-	-	-	-	-	1.1461	-	109.7961	
35	BS1	1.5046	-	-	-	-	22.5656	-	-	-	
36	FS1	-	-	1.4969	0.0077	-	22.2623	-	-	-	
36		-	-	-	-	-	-	0.0077	-	109.8038	
36	BS1	1.5184	-	-	-	-	18.0245	-	-	-	
37	FS1	-	-	1.5013	0.0171	-	17.8378	-	-	-	
37		-	-	-	-	-	-	0.0171	-	109.8209	
37	BS1	1.5194	-	-	-	-	14.0964	-	-	-	
GMP653N	FS1	-	-	2.0329	-	0.5135	13.9117	-	-	-	
GMP653N		-	-	-	-	-	-	-0.5135	-	109.3073	

Level Line Id: Line 002



General

Date/Time	2.4.2024. 16:32:46	Instrument Type:	
Staff One Id:	-	Method:	BF
Staff Two Id:	-	Stations:	114
Start Point:	GMP648	Observations:	228
End Point:	92		

Results

Height Difference:	1.5521 m	Height Error / Point:	0.0000 m
Length:	4513.2035 m	Total Distance Balance:	**-39.1188 m**
Misclosure:	0.0000 m	Total Station Difference:	-

Processing Parameters

Adjustment Method:	No Adjustment
Staff Corrections:	Not Applied

Points

Point Id	Date/Time	Height [m]	ΔHeight [m]	SD [m]
GMP648	2.4.2024. 16:32:47	107.7439	-	-
1	2.4.2024. 16:32:51	109.9970	2.2531	0.0003
2	2.4.2024. 16:32:55	109.9722	-0.0248	0.0004
GMP649N	2.4.2024. 16:32:59	109.3454	-0.6268	0.0005
3	2.4.2024. 16:33:03	109.8505	0.5051	0.0006
4	2.4.2024. 16:33:07	109.0313	-0.8192	0.0006
GMP650	2.4.2024. 16:33:11	107.1227	-1.9086	0.0007
5	2.4.2024. 16:33:15	109.4563	2.3336	0.0007
GMP651N	2.4.2024. 16:33:19	108.8392	-0.6170	0.0008
6	2.4.2024. 16:33:23	109.2473	0.4081	0.0008
7	2.4.2024. 16:33:27	109.1273	-0.1201	0.0009
8	2.4.2024. 16:33:31	109.0501	-0.0772	0.0009
9	2.4.2024. 16:33:35	108.2664	-0.7837	0.0010
GMP652	2.4.2024. 16:33:39	107.3744	-0.8919	0.0010
10	2.4.2024. 16:33:43	107.1983	-0.1761	0.0011
11	2.4.2024. 16:33:47	108.4772	1.2789	0.0011
12	2.4.2024. 16:33:51	108.5249	0.0477	0.0011
13	2.4.2024. 16:33:55	108.5885	0.0635	0.0012
14	2.4.2024. 16:33:59	107.1434	-1.4450	0.0012
15	2.4.2024. 16:34:03	105.8357	-1.3077	0.0012
GMP654	2.4.2024. 16:34:07	104.8300	-1.0057	0.0013
16	2.4.2024. 16:34:11	105.8554	1.0254	0.0013
17	2.4.2024. 16:34:15	106.5260	0.6706	0.0013
18	2.4.2024. 16:34:19	108.2145	1.6885	0.0014
19	2.4.2024. 16:34:23	108.2956	0.0811	0.0014
20	2.4.2024. 16:34:27	108.3718	0.0762	0.0014
21	2.4.2024. 16:34:31	108.4421	0.0703	0.0014
22	2.4.2024. 16:34:35	108.5292	0.0871	0.0015
23	2.4.2024. 16:34:39	108.5870	0.0579	0.0015
24	2.4.2024. 16:34:43	108.6503	0.0633	0.0015
25	2.4.2024. 16:34:47	108.7202	0.0699	0.0015
26	2.4.2024. 16:34:51	108.7978	0.0776	0.0016
27	2.4.2024. 16:34:55	108.8643	0.0664	0.0016

GMP655N	2.4.2024. 16:34:59	108.4321	-0.4322	0.0016
28	2.4.2024. 16:35:03	108.9888	0.5567	0.0016
29	2.4.2024. 16:35:07	109.0805	0.0917	0.0017
30	2.4.2024. 16:35:11	109.1302	0.0497	0.0017
31	2.4.2024. 16:35:15	109.1816	0.0514	0.0017
32	2.4.2024. 16:35:19	109.2812	0.0996	0.0017
33	2.4.2024. 16:35:23	109.3334	0.0522	0.0018
GMP657	2.4.2024. 16:35:27	108.0932	-1.2403	0.0018
34	2.4.2024. 16:35:31	108.7303	0.6371	0.0018
35	2.4.2024. 16:35:35	109.4719	0.7417	0.0018
36	2.4.2024. 16:35:39	109.5168	0.0449	0.0019
GMP658N	2.4.2024. 16:35:43	108.8148	-0.7020	0.0019
37	2.4.2024. 16:35:47	109.6067	0.7918	0.0019
GMP659N	2.4.2024. 16:35:51	109.1594	-0.4473	0.0019
38	2.4.2024. 16:35:55	109.7165	0.5571	0.0019
39	2.4.2024. 16:35:59	109.8158	0.0993	0.0020
GMP660N	2.4.2024. 16:36:03	109.3630	-0.4528	0.0020
40	2.4.2024. 16:36:07	109.9059	0.5430	0.0020
41	2.4.2024. 16:36:11	109.9102	0.0043	0.0020
42	2.4.2024. 16:36:15	109.3171	-0.5931	0.0020
GMP661N	2.4.2024. 16:36:19	109.4415	0.1244	0.0021
43	2.4.2024. 16:36:23	108.5897	-0.8518	0.0021
44	2.4.2024. 16:36:27	108.0482	-0.5415	0.0021
45	2.4.2024. 16:36:31	108.3133	0.2651	0.0021
46	2.4.2024. 16:36:35	107.5681	-0.7452	0.0021
GMP662	2.4.2024. 16:36:39	108.5399	0.9718	0.0022
47	2.4.2024. 16:36:43	107.5650	-0.9749	0.0022
48	2.4.2024. 16:36:47	109.8114	2.2463	0.0022
GMP663N	2.4.2024. 16:36:51	109.3072	-0.5042	0.0022
49	2.4.2024. 16:36:55	109.8189	0.5118	0.0022
50	2.4.2024. 16:36:59	107.5646	-2.2543	0.0022
GMP662	2.4.2024. 16:37:03	108.5394	0.9748	0.0023
51	2.4.2024. 16:37:07	107.5858	-0.9536	0.0023
52	2.4.2024. 16:37:11	108.1105	0.5247	0.0023
53	2.4.2024. 16:37:15	107.9920	-0.1184	0.0023
54	2.4.2024. 16:37:19	108.3650	0.3730	0.0023
55	2.4.2024. 16:37:23	109.3637	0.9987	0.0023
GMP661N	2.4.2024. 16:37:27	109.4405	0.0768	0.0024
56	2.4.2024. 16:37:31	109.9676	0.5271	0.0024
57	2.4.2024. 16:37:35	109.9334	-0.0342	0.0024
58	2.4.2024. 16:37:39	109.8610	-0.0724	0.0024
GMP660N	2.4.2024. 16:37:43	109.3614	-0.4996	0.0024
59	2.4.2024. 16:37:47	109.7661	0.4047	0.0024
60	2.4.2024. 16:37:51	109.7062	-0.0598	0.0025
GMP659N	2.4.2024. 16:37:55	109.1574	-0.5489	0.0025
61	2.4.2024. 16:37:59	109.6223	0.4649	0.0025
62	2.4.2024. 16:38:03	109.5643	-0.0579	0.0025
GMP658N	2.4.2024. 16:38:07	108.8130	-0.7513	0.0025
63	2.4.2024. 16:38:11	109.4564	0.6434	0.0025
64	2.4.2024. 16:38:15	109.3715	-0.0849	0.0026
65	2.4.2024. 16:38:19	108.5710	-0.8005	0.0026
GMP657	2.4.2024. 16:38:23	108.0915	-0.4794	0.0026
66	2.4.2024. 16:38:27	108.6531	0.5615	0.0026
67	2.4.2024. 16:38:31	109.3108	0.6578	0.0026
68	2.4.2024. 16:38:35	109.1650	-0.1458	0.0026
69	2.4.2024. 16:38:39	109.1505	-0.0145	0.0027
70	2.4.2024. 16:38:43	109.0967	-0.0538	0.0027
71	2.4.2024. 16:38:47	109.0015	-0.0952	0.0027
72	2.4.2024. 16:38:51	108.9843	-0.0172	0.0027
GMP655N	2.4.2024. 16:38:55	108.4309	-0.5534	0.0027
73	2.4.2024. 16:38:59	108.8475	0.4166	0.0027
74	2.4.2024. 16:39:03	108.7540	-0.0935	0.0027
75	2.4.2024. 16:39:07	108.7193	-0.0346	0.0028
76	2.4.2024. 16:39:11	108.5880	-0.1314	0.0028
77	2.4.2024. 16:39:15	106.1951	-2.3929	0.0028
78	2.4.2024. 16:39:19	104.3541	-1.8409	0.0028
79	2.4.2024. 16:39:23	103.8479	-0.5063	0.0028
80	2.4.2024. 16:39:27	103.2192	-0.6287	0.0028
81	2.4.2024. 16:39:31	102.8098	-0.4094	0.0028
82	2.4.2024. 16:39:35	103.7522	0.9424	0.0029
GMP654	2.4.2024. 16:39:39	104.8284	1.0762	0.0029
83	2.4.2024. 16:39:43	106.3744	1.5461	0.0029
84	2.4.2024. 16:39:47	108.5247	2.1502	0.0029

85	2.4.2024. 16:39:51	108.5991	0.0744	0.0029
GMP653	2.4.2024. 16:39:55	108.5232	-0.0759	0.0029
86	2.4.2024. 16:39:59	108.8120	0.2888	0.0029
87	2.4.2024. 16:40:03	108.9277	0.1157	0.0030
88	2.4.2024. 16:40:07	107.3726	-1.5551	0.0030
89	2.4.2024. 16:40:11	108.9845	1.6119	0.0030
90	2.4.2024. 16:40:15	109.0876	0.1031	0.0030
91	2.4.2024. 16:40:19	109.1915	0.1039	0.0030
92	2.4.2024. 16:40:23	109.2960	0.1045	0.0030

Line Tolerances

Allowable Misclosure E = a + b √ L:	0.0126 m
a:	0.0020 m
b:	0.0050 m/√km
L (Level Line Length):	4.5132 km
Height Error / Point:	0.0005 m
Total Distance Balance:	10.0000 m

Observation Tolerances

Double Observation Check:	0.0010 m
Station Difference:	0.0003 m
Max. Sight Distance:	40.0000 m
Min. Ground Clearance:	0.5000 m

Point Height Tolerances

Height Spread:	0.0200 m
Max. Difference From Fixed Height:	0.0100 m

Booking Sheet

Point Id	Type	BS [m]	IS [m]	FS [m]	Rise [m]	Fall [m]	Hz Dist. [m]	ΔHeight [m]	ΔHeight Corr. [m]	Height [m]	Remark
GMP648		-	-	-	-	-	-	0.0000	0.0000	107.7439	
GMP648	BS1	2.8801	-	-	-	-	24.1377	-	-	-	
1	FS1	-	-	0.6270	2.2531	-	24.8161	-	-	-	
1		-	-	-	-	-	-	2.2531	-	109.9970	
1	BS1	1.4094	-	-	-	-	20.0109	-	-	-	
2	FS1	-	-	1.4341	-	0.0248	20.3651	-	-	-	
2		-	-	-	-	-	-	-0.0248	-	109.9722	
2	BS1	1.3858	-	-	-	-	23.8372	-	-	-	
GMP649N	FS1	-	-	2.0126	-	0.6268	23.7184	-	-	-	
GMP649N		-	-	-	-	-	-	-0.6268	-	109.3454	
GMP649N	BS1	1.9115	-	-	-	-	20.0397	-	-	-	
3	FS1	-	-	1.4065	0.5051	-	21.0219	-	-	-	
3		-	-	-	-	-	-	0.5051	-	109.8505	
3	BS1	1.3160	-	-	-	-	21.3446	-	-	-	
4	FS1	-	-	2.1353	-	0.8192	22.1295	-	-	-	
4		-	-	-	-	-	-	-0.8192	-	109.0313	
4	BS1	1.3476	-	-	-	-	24.0056	-	-	-	
GMP650	FS1	-	-	3.2562	-	1.9086	24.3260	-	-	-	
GMP650		-	-	-	-	-	-	-1.9086	-	107.1227	
GMP650	BS1	2.9811	-	-	-	-	24.9125	-	-	-	
5	FS1	-	-	0.6475	2.3336	-	24.6071	-	-	-	
5		-	-	-	-	-	-	2.3336	-	109.4563	
5	BS1	1.3986	-	-	-	-	18.6784	-	-	-	
GMP651N	FS1	-	-	2.0156	-	0.6170	19.2508	-	-	-	
GMP651N		-	-	-	-	-	-	-0.6170	-	108.8392	
GMP651N	BS1	1.8842	-	-	-	-	22.2784	-	-	-	
6	FS1	-	-	1.4761	0.4081	-	22.1421	-	-	-	
6		-	-	-	-	-	-	0.4081	-	109.2473	
6	BS1	1.3339	-	-	-	-	21.9680	-	-	-	
7	FS1	-	-	1.4540	-	0.1201	22.6031	-	-	-	
7		-	-	-	-	-	-	-0.1201	-	109.1273	
7	BS1	1.3221	-	-	-	-	21.7342	-	-	-	
8	FS1	-	-	1.3993	-	0.0772	22.1292	-	-	-	
8		-	-	-	-	-	-	-0.0772	-	109.0501	
8	BS1	1.3299	-	-	-	-	9.7685	-	-	-	
9	FS1	-	-	2.1136	-	0.7837	10.5737	-	-	-	
9		-	-	-	-	-	-	-0.7837	-	108.2664	
9	BS1	1.2758	-	-	-	-	16.6573	-	-	-	
GMP652	FS1	-	-	2.1678	-	0.8919	17.2075	-	-	-	
GMP652		-	-	-	-	-	-	-0.8919	-	107.3744	
GMP652	BS1	1.9477	-	-	-	-	19.5669	-	-	-	
10	FS1	-	-	2.1238	-	0.1761	20.9946	-	-	-	
10		-	-	-	-	-	-	-0.1761	-	107.1983	
10	BS1	2.2230	-	-	-	-	20.4257	-	-	-	
11	FS1	-	-	0.9441	1.2789	-	21.1895	-	-	-	
11		-	-	-	-	-	-	1.2789	-	108.4772	
11	BS1	1.5911	-	-	-	-	13.5463	-	-	-	
12	FS1	-	-	1.5434	0.0477	-	13.6673	-	-	-	
12		-	-	-	-	-	-	0.0477	-	108.5249	
12	BS1	1.4915	-	-	-	-	19.0111	-	-	-	
13	FS1	-	-	1.4280	0.0635	-	19.1368	-	-	-	
13		-	-	-	-	-	-	0.0635	-	108.5885	

13	BS1	1.3353	-	-	-	-	20.6206	-	-	-	
14	FS1	-	-	2.7804	-	1.4451	20.9415	-	-	-	
14		-	-	-	-	-	-	-1.4451	-	107.1434	
14	BS1	0.8965	-	-	-	-	22.7333	-	-	-	
15	FS1	-	-	2.2042	-	1.3077	23.1760	-	-	-	
15		-	-	-	-	-	-	-1.3077	-	105.8357	
15	BS1	0.7194	-	-	-	-	19.0443	-	-	-	
GMP654	FS1	-	-	1.7251	-	1.0057	19.7670	-	-	-	
GMP654		-	-	-	-	-	-	-1.0057	-	104.8300	
GMP654	BS1	1.7251	-	-	-	-	19.7670	-	-	-	
16	FS1	-	-	0.6997	1.0254	-	19.4431	-	-	-	
16		-	-	-	-	-	-	1.0254	-	105.8554	
16	BS1	1.9859	-	-	-	-	13.7142	-	-	-	
17	FS1	-	-	1.3153	0.6706	-	13.8855	-	-	-	
17		-	-	-	-	-	-	0.6706	-	106.5260	
17	BS1	2.7309	-	-	-	-	20.5220	-	-	-	
18	FS1	-	-	1.0424	1.6885	-	21.6964	-	-	-	
18		-	-	-	-	-	-	1.6885	-	108.2145	
18	BS1	1.6021	-	-	-	-	19.7996	-	-	-	
19	FS1	-	-	1.5210	0.0811	-	20.2211	-	-	-	
19		-	-	-	-	-	-	0.0811	-	108.2956	
19	BS1	1.5365	-	-	-	-	20.9938	-	-	-	
20	FS1	-	-	1.4603	0.0762	-	21.6478	-	-	-	
20		-	-	-	-	-	-	0.0762	-	108.3718	
20	BS1	1.5496	-	-	-	-	24.0628	-	-	-	
21	FS1	-	-	1.4793	0.0703	-	24.8473	-	-	-	
21		-	-	-	-	-	-	0.0703	-	108.4421	
21	BS1	1.5414	-	-	-	-	23.8273	-	-	-	
22	FS1	-	-	1.4544	0.0871	-	24.6127	-	-	-	
22		-	-	-	-	-	-	0.0871	-	108.5292	
22	BS1	1.5172	-	-	-	-	23.5037	-	-	-	
23	FS1	-	-	1.4593	0.0579	-	24.1327	-	-	-	
23		-	-	-	-	-	-	0.0579	-	108.5870	
23	BS1	1.5090	-	-	-	-	19.7058	-	-	-	
24	FS1	-	-	1.4457	0.0633	-	20.3169	-	-	-	
24		-	-	-	-	-	-	0.0633	-	108.6503	
24	BS1	1.4993	-	-	-	-	24.1950	-	-	-	
25	FS1	-	-	1.4294	0.0699	-	24.8488	-	-	-	
25		-	-	-	-	-	-	0.0699	-	108.7202	
25	BS1	1.5011	-	-	-	-	22.6088	-	-	-	
26	FS1	-	-	1.4235	0.0776	-	23.1920	-	-	-	
26		-	-	-	-	-	-	0.0776	-	108.7978	
26	BS1	1.4853	-	-	-	-	23.1403	-	-	-	
27	FS1	-	-	1.4188	0.0664	-	24.2940	-	-	-	
27		-	-	-	-	-	-	0.0664	-	108.8643	
27	BS1	1.4481	-	-	-	-	17.3504	-	-	-	
GMP655N	FS1	-	-	1.8803	-	0.4322	17.2167	-	-	-	
GMP655N		-	-	-	-	-	-	-0.4322	-	108.4321	
GMP655N	BS1	1.9511	-	-	-	-	22.3000	-	-	-	
28	FS1	-	-	1.3944	0.5567	-	23.6580	-	-	-	
28		-	-	-	-	-	-	0.5567	-	108.9888	
28	BS1	1.4561	-	-	-	-	22.4617	-	-	-	
29	FS1	-	-	1.3644	0.0917	-	22.9984	-	-	-	
29		-	-	-	-	-	-	0.0917	-	109.0805	
29	BS1	1.4045	-	-	-	-	22.0003	-	-	-	
30	FS1	-	-	1.3547	0.0497	-	22.6951	-	-	-	
30		-	-	-	-	-	-	0.0497	-	109.1302	
30	BS1	1.4062	-	-	-	-	22.2936	-	-	-	
31	FS1	-	-	1.3549	0.0514	-	22.0454	-	-	-	
31		-	-	-	-	-	-	0.0514	-	109.1816	
31	BS1	1.4253	-	-	-	-	24.1764	-	-	-	
32	FS1	-	-	1.3257	0.0996	-	24.7758	-	-	-	
32		-	-	-	-	-	-	0.0996	-	109.2812	
32	BS1	1.3809	-	-	-	-	21.0337	-	-	-	
33	FS1	-	-	1.3287	0.0522	-	21.5436	-	-	-	
33		-	-	-	-	-	-	0.0522	-	109.3334	
33	BS1	0.7067	-	-	-	-	14.2425	-	-	-	
GMP657	FS1	-	-	1.9470	-	1.2403	14.2440	-	-	-	
GMP657		-	-	-	-	-	-	-1.2403	-	108.0932	
GMP657	BS1	1.9470	-	-	-	-	14.2505	-	-	-	
34	FS1	-	-	1.3099	0.6371	-	14.5096	-	-	-	
34		-	-	-	-	-	-	0.6371	-	108.7303	
34	BS1	2.1741	-	-	-	-	22.0444	-	-	-	
35	FS1	-	-	1.4324	0.7417	-	23.1227	-	-	-	

35		-	-	-	-	-	-	0.7417	-	109.4719	
35	BS1	1.4739	-	-	-	-	18.3851	-	-	-	
36	FS1	-	-	1.4290	0.0449	-	19.2218	-	-	-	
36		-	-	-	-	-	-	0.0449	-	109.5168	
36	BS1	1.4755	-	-	-	-	12.6772	-	-	-	
GMP658N	FS1	-	-	2.1774	-	0.7020	13.5303	-	-	-	
GMP658N		-	-	-	-	-	-	-0.7020	-	108.8148	
GMP658N	BS1	2.2143	-	-	-	-	23.5409	-	-	-	
37	FS1	-	-	1.4224	0.7919	-	23.9479	-	-	-	
37		-	-	-	-	-	-	0.7919	-	109.6067	
37	BS1	1.4684	-	-	-	-	23.9180	-	-	-	
GMP659N	FS1	-	-	1.9156	-	0.4473	24.8937	-	-	-	
GMP659N		-	-	-	-	-	-	-0.4473	-	109.1594	
GMP659N	BS1	1.9765	-	-	-	-	22.2574	-	-	-	
38	FS1	-	-	1.4195	0.5571	-	22.9628	-	-	-	
38		-	-	-	-	-	-	0.5571	-	109.7165	
38	BS1	1.4659	-	-	-	-	19.8139	-	-	-	
39	FS1	-	-	1.3666	0.0993	-	20.8670	-	-	-	
39		-	-	-	-	-	-	0.0993	-	109.8158	
39	BS1	1.3825	-	-	-	-	7.8031	-	-	-	
GMP660N	FS1	-	-	1.8353	-	0.4528	7.3205	-	-	-	
GMP660N		-	-	-	-	-	-	-0.4528	-	109.3630	
GMP660N	BS1	1.9108	-	-	-	-	22.0302	-	-	-	
40	FS1	-	-	1.3679	0.5430	-	22.5470	-	-	-	
40		-	-	-	-	-	-	0.5430	-	109.9059	
40	BS1	1.4102	-	-	-	-	22.2580	-	-	-	
41	FS1	-	-	1.4059	0.0043	-	21.9715	-	-	-	
41		-	-	-	-	-	-	0.0043	-	109.9102	
41	BS1	1.4255	-	-	-	-	19.3063	-	-	-	
42	FS1	-	-	2.0186	-	0.5931	20.8094	-	-	-	
42		-	-	-	-	-	-	-0.5931	-	109.3171	
42	BS1	2.0593	-	-	-	-	11.5949	-	-	-	
GMP661N	FS1	-	-	1.9349	0.1244	-	12.7489	-	-	-	
GMP661N		-	-	-	-	-	-	0.1244	-	109.4415	
GMP661N	BS1	1.3621	-	-	-	-	24.6235	-	-	-	
43	FS1	-	-	2.2139	-	0.8518	23.9038	-	-	-	
43		-	-	-	-	-	-	-0.8518	-	108.5897	
43	BS1	0.9479	-	-	-	-	23.0192	-	-	-	
44	FS1	-	-	1.4894	-	0.5415	24.0112	-	-	-	
44		-	-	-	-	-	-	-0.5415	-	108.0482	
44	BS1	1.4820	-	-	-	-	23.2186	-	-	-	
45	FS1	-	-	1.2169	0.2651	-	22.9752	-	-	-	
45		-	-	-	-	-	-	0.2651	-	108.3133	
45	BS1	1.0319	-	-	-	-	24.4629	-	-	-	
46	FS1	-	-	1.7771	-	0.7452	25.5129	-	-	-	
46		-	-	-	-	-	-	-0.7452	-	107.5681	
46	BS1	2.5097	-	-	-	-	14.2010	-	-	-	
GMP662	FS1	-	-	1.5378	0.9718	-	12.9564	-	-	-	
GMP662		-	-	-	-	-	-	0.9718	-	108.5399	
GMP662	BS1	1.5378	-	-	-	-	12.9560	-	-	-	
47	FS1	-	-	2.5127	-	0.9749	13.5472	-	-	-	
47		-	-	-	-	-	-	-0.9749	-	107.5650	
47	BS1	3.1322	-	-	-	-	18.5416	-	-	-	
48	FS1	-	-	0.8859	2.2463	-	17.5280	-	-	-	
48		-	-	-	-	-	-	2.2463	-	109.8114	
48	BS1	1.4316	-	-	-	-	21.7099	-	-	-	
GMP663N	FS1	-	-	1.9358	-	0.5042	20.4225	-	-	-	
GMP663N		-	-	-	-	-	-	-0.5042	-	109.3072	
GMP663N	BS1	1.9358	-	-	-	-	20.4237	-	-	-	
49	FS1	-	-	1.4240	0.5118	-	21.5209	-	-	-	
49		-	-	-	-	-	-	0.5118	-	109.8189	
49	BS1	0.9237	-	-	-	-	17.6793	-	-	-	
50	FS1	-	-	3.1780	-	2.2543	17.8417	-	-	-	
50		-	-	-	-	-	-	-2.2543	-	107.5646	
50	BS1	2.8958	-	-	-	-	13.7416	-	-	-	
GMP662	FS1	-	-	1.9210	0.9748	-	14.4302	-	-	-	
GMP662		-	-	-	-	-	-	0.9748	-	108.5394	
GMP662	BS1	1.9209	-	-	-	-	14.4291	-	-	-	
51	FS1	-	-	2.8746	-	0.9536	13.8834	-	-	-	
51		-	-	-	-	-	-	-0.9536	-	107.5858	
51	BS1	1.6672	-	-	-	-	19.9599	-	-	-	
52	FS1	-	-	1.1425	0.5247	-	21.3538	-	-	-	
52		-	-	-	-	-	-	0.5247	-	108.1105	

52	BS1	1.5000	-	-	-	-	23.9901	-	-	-	
53	FS1	-	-	1.6185	-	0.1185	24.1969	-	-	-	
53		-	-	-	-	-	-	-0.1185	-	107.9920	
53	BS1	1.5223	-	-	-	-	20.8683	-	-	-	
54	FS1	-	-	1.1493	0.3730	-	21.1936	-	-	-	
54		-	-	-	-	-	-	0.3730	-	108.3650	
54	BS1	2.2151	-	-	-	-	19.6176	-	-	-	
55	FS1	-	-	1.2163	0.9987	-	19.2214	-	-	-	
55		-	-	-	-	-	-	0.9987	-	109.3637	
55	BS1	1.8599	-	-	-	-	11.1047	-	-	-	
GMP661N	FS1	-	-	1.7831	0.0768	-	12.2870	-	-	-	
GMP661N		-	-	-	-	-	-	0.0768	-	109.4405	
GMP661N	BS1	1.9377	-	-	-	-	19.8134	-	-	-	
56	FS1	-	-	1.4106	0.5271	-	19.6867	-	-	-	
56		-	-	-	-	-	-	0.5271	-	109.9676	
56	BS1	1.4025	-	-	-	-	24.1589	-	-	-	
57	FS1	-	-	1.4367	-	0.0342	24.3672	-	-	-	
57		-	-	-	-	-	-	-0.0342	-	109.9334	
57	BS1	1.3712	-	-	-	-	23.0879	-	-	-	
58	FS1	-	-	1.4436	-	0.0724	23.6474	-	-	-	
58		-	-	-	-	-	-	-0.0724	-	109.8610	
58	BS1	1.3553	-	-	-	-	9.2357	-	-	-	
GMP660N	FS1	-	-	1.8549	-	0.4996	9.3130	-	-	-	
GMP660N		-	-	-	-	-	-	-0.4996	-	109.3614	
GMP660N	BS1	1.8061	-	-	-	-	20.5870	-	-	-	
59	FS1	-	-	1.4014	0.4047	-	20.3604	-	-	-	
59		-	-	-	-	-	-	0.4047	-	109.7661	
59	BS1	1.3448	-	-	-	-	21.1980	-	-	-	
60	FS1	-	-	1.4047	-	0.0598	20.9026	-	-	-	
60		-	-	-	-	-	-	-0.0598	-	109.7062	
60	BS1	1.3597	-	-	-	-	9.8637	-	-	-	
GMP659N	FS1	-	-	1.9086	-	0.5489	9.1860	-	-	-	
GMP659N		-	-	-	-	-	-	-0.5489	-	109.1574	
GMP659N	BS1	1.8560	-	-	-	-	20.1164	-	-	-	
61	FS1	-	-	1.3911	0.4649	-	20.3126	-	-	-	
61		-	-	-	-	-	-	0.4649	-	109.6223	
61	BS1	1.3312	-	-	-	-	19.3739	-	-	-	
62	FS1	-	-	1.3891	-	0.0579	19.8061	-	-	-	
62		-	-	-	-	-	-	-0.0579	-	109.5643	
62	BS1	1.3460	-	-	-	-	9.1453	-	-	-	
GMP658N	FS1	-	-	2.0973	-	0.7513	9.4972	-	-	-	
GMP658N		-	-	-	-	-	-	-0.7513	-	108.8130	
GMP658N	BS1	2.0608	-	-	-	-	18.2263	-	-	-	
63	FS1	-	-	1.4174	0.6434	-	17.7582	-	-	-	
63		-	-	-	-	-	-	0.6434	-	109.4564	
63	BS1	1.3534	-	-	-	-	23.0410	-	-	-	
64	FS1	-	-	1.4383	-	0.0849	23.8636	-	-	-	
64		-	-	-	-	-	-	-0.0849	-	109.3715	
64	BS1	1.3975	-	-	-	-	18.7215	-	-	-	
65	FS1	-	-	2.1980	-	0.8005	19.2274	-	-	-	
65		-	-	-	-	-	-	-0.8005	-	108.5710	
65	BS1	0.7693	-	-	-	-	7.6788	-	-	-	
GMP657	FS1	-	-	1.2487	-	0.4794	8.4566	-	-	-	
GMP657		-	-	-	-	-	-	-0.4794	-	108.0915	
GMP657	BS1	1.2487	-	-	-	-	8.4558	-	-	-	
66	FS1	-	-	0.6872	0.5615	-	7.5127	-	-	-	
66		-	-	-	-	-	-	0.5615	-	108.6531	
66	BS1	2.0458	-	-	-	-	19.6688	-	-	-	
67	FS1	-	-	1.3881	0.6578	-	20.5500	-	-	-	
67		-	-	-	-	-	-	0.6578	-	109.3108	
67	BS1	1.3261	-	-	-	-	23.2932	-	-	-	
68	FS1	-	-	1.4719	-	0.1458	23.8255	-	-	-	
68		-	-	-	-	-	-	-0.1458	-	109.1650	
68	BS1	1.3984	-	-	-	-	18.2997	-	-	-	
69	FS1	-	-	1.4129	-	0.0145	18.8368	-	-	-	
69		-	-	-	-	-	-	-0.0145	-	109.1505	
69	BS1	1.3354	-	-	-	-	24.2263	-	-	-	
70	FS1	-	-	1.3892	-	0.0538	24.3026	-	-	-	
70		-	-	-	-	-	-	-0.0538	-	109.0967	
70	BS1	1.3258	-	-	-	-	23.4638	-	-	-	
71	FS1	-	-	1.4210	-	0.0952	23.4788	-	-	-	
71		-	-	-	-	-	-	-0.0952	-	109.0015	
71	BS1	1.3447	-	-	-	-	24.2252	-	-	-	
72	FS1	-	-	1.3620	-	0.0172	23.8655	-	-	-	

72		-	-	-	-	-	-	-0.0172	-	108.9843	
72	BS1	1.3099	-	-	-	-	10.9898	-	-	-	
GMP655N	FS1	-	-	1.8633	-	0.5534	11.4013	-	-	-	
GMP655N		-	-	-	-	-	-	-0.5534	-	108.4309	
GMP655N	BS1	1.8070	-	-	-	-	24.0472	-	-	-	
73	FS1	-	-	1.3904	0.4166	-	24.5323	-	-	-	
73		-	-	-	-	-	-	0.4166	-	108.8475	
73	BS1	1.3548	-	-	-	-	23.2460	-	-	-	
74	FS1	-	-	1.4484	-	0.0935	23.1963	-	-	-	
74		-	-	-	-	-	-	-0.0935	-	108.7540	
74	BS1	1.3856	-	-	-	-	23.2415	-	-	-	
75	FS1	-	-	1.4202	-	0.0346	23.3066	-	-	-	
75		-	-	-	-	-	-	-0.0346	-	108.7193	
75	BS1	1.3167	-	-	-	-	22.4423	-	-	-	
76	FS1	-	-	1.4480	-	0.1314	22.6011	-	-	-	
76		-	-	-	-	-	-	-0.1314	-	108.5880	
76	BS1	0.6489	-	-	-	-	12.3408	-	-	-	
77	FS1	-	-	3.0418	-	2.3929	13.0878	-	-	-	
77		-	-	-	-	-	-	-2.3929	-	106.1951	
77	BS1	0.6292	-	-	-	-	23.7565	-	-	-	
78	FS1	-	-	2.4701	-	1.8409	23.9440	-	-	-	
78		-	-	-	-	-	-	-1.8409	-	104.3541	
78	BS1	1.2027	-	-	-	-	24.0808	-	-	-	
79	FS1	-	-	1.7089	-	0.5063	24.0270	-	-	-	
79		-	-	-	-	-	-	-0.5063	-	103.8479	
79	BS1	1.0996	-	-	-	-	25.1483	-	-	-	
80	FS1	-	-	1.7283	-	0.6287	24.8748	-	-	-	
80		-	-	-	-	-	-	-0.6287	-	103.2192	
80	BS1	1.4065	-	-	-	-	24.0898	-	-	-	
81	FS1	-	-	1.8159	-	0.4094	24.6915	-	-	-	
81		-	-	-	-	-	-	-0.4094	-	102.8098	
81	BS1	1.8859	-	-	-	-	16.7934	-	-	-	
82	FS1	-	-	0.9435	0.9424	-	16.8547	-	-	-	
82		-	-	-	-	-	-	0.9424	-	103.7522	
82	BS1	1.6272	-	-	-	-	8.0318	-	-	-	
GMP654	FS1	-	-	0.5510	1.0762	-	8.6029	-	-	-	
GMP654		-	-	-	-	-	-	1.0762	-	104.8284	
GMP654	BS1	2.2163	-	-	-	-	25.6912	-	-	-	
83	FS1	-	-	0.6702	1.5461	-	25.1852	-	-	-	
83		-	-	-	-	-	-	1.5461	-	106.3744	
83	BS1	2.7311	-	-	-	-	23.0416	-	-	-	
84	FS1	-	-	0.5808	2.1502	-	24.2328	-	-	-	
84		-	-	-	-	-	-	2.1502	-	108.5247	
84	BS1	1.4938	-	-	-	-	15.6186	-	-	-	
85	FS1	-	-	1.4194	0.0744	-	15.7715	-	-	-	
85		-	-	-	-	-	-	0.0744	-	108.5991	
85	BS1	1.4979	-	-	-	-	18.4038	-	-	-	
GMP653	FS1	-	-	1.5738	-	0.0759	18.0140	-	-	-	
GMP653		-	-	-	-	-	-	-0.0759	-	108.5232	
GMP653	BS1	1.6364	-	-	-	-	23.2001	-	-	-	
86	FS1	-	-	1.3476	0.2888	-	23.1032	-	-	-	
86		-	-	-	-	-	-	0.2888	-	108.8120	
86	BS1	1.4405	-	-	-	-	21.2861	-	-	-	
87	FS1	-	-	1.3249	0.1157	-	21.9599	-	-	-	
87		-	-	-	-	-	-	0.1157	-	108.9277	
87	BS1	0.6327	-	-	-	-	13.1785	-	-	-	
88	FS1	-	-	2.1878	-	1.5551	14.8127	-	-	-	
88		-	-	-	-	-	-	-1.5551	-	107.3726	
88	BS1	2.1878	-	-	-	-	14.8130	-	-	-	
89	FS1	-	-	0.5759	1.6119	-	13.7053	-	-	-	
89		-	-	-	-	-	-	1.6119	-	108.9845	
89	BS1	1.4150	-	-	-	-	22.5505	-	-	-	
90	FS1	-	-	1.3119	0.1031	-	22.9094	-	-	-	
90		-	-	-	-	-	-	0.1031	-	109.0876	
90	BS1	1.4213	-	-	-	-	22.7742	-	-	-	
91	FS1	-	-	1.3174	0.1039	-	23.0895	-	-	-	
91		-	-	-	-	-	-	0.1039	-	109.1915	
91	BS1	1.4406	-	-	-	-	21.9414	-	-	-	
92	FS1	-	-	1.3361	0.1045	-	22.1829	-	-	-	
92		-	-	-	-	-	-	0.1045	-	109.2960	

11. VISINSKE RAZLIKE NIVELANJA NAPRED/NAZAD

POLIGON 1				
Br.Tacke	Br.Tacke	Visinska razlika	Duzina	
GMP630	GMP631	0.56133	153	
GMP631	GMP630	-0.56222		0.000890
GMP631	GMP632	-0.08776	126	
GMP632	GMP631	0.08791		0.000150
GMP632	GMP633N	1.07556	188	
GMP633N	GMP632	-1.07662		0.001060
GMP633N	GMP634	-0.84394	70	
GMP634	GMP633N	0.84318		0.000760
GMP634	GMP635	-0.71248	143	
GMP635	GMP634	0.71313		0.000650
GMP635	GMP636	-0.76071	134	
GMP636	GMP635	0.76051		-0.00020

POLIGON 2				
Br.Tacke	Br.Tacke	Visinska razlika	Duzina	
GMP644	GMP645	1.65921	142	
GMP645	GMP644	-1.66015		-0.00094
GMP645	GMP646	0.02687	187	
GMP646	GMP645	-0.0273		-0.00043
GMP646	GMP647N	1.8537	147	
GMP647N	GMP646	-1.85393		-0.00023
GMP647N	GMP648	-1.69956	123	
GMP648	GMP647N	1.69943		-0.00013
GMP648	GMP649N	1.60153	137	
GMP649N	GMP648	-1.60148		0.00005
GMP649N	GMP650	-2.22276	133	
GMP650	GMP649N	2.22179		-0.00097
GMP650	GMP651N	1.71655	88	
GMP651N	GMP650	-1.71713		-0.00058
GMP651N	GMP652	-1.46481	187	
GMP652	GMP651N	1.46438		-0.00043
GMP652	GMP653N	1.15051	109	
GMP653N	GMP652	-1.15059		-0.00008

GMP653	GMP654	-3.69491	164	
GMP654	GMP653N	3.69482		-0.00009
GMP654	GMP655N	3.6021	553	
GMP655N	GMP654	-3.60252		-0.00042
GMP655N	GMP657	-0.33896	300	
GMP657	GMP655N	0.33933		0.00037
GMP657	GMP658N	0.72169	138	
GMP658N	GMP657	-0.7215		0.00019
GMP658N	GMP659N	0.34459	96	
GMP659N	GMP658N	-0.34432		0.00027
GMP659N	GMP660N	0.20355	101	
GMP660N	GMP659N	-0.204		-0.00045
GMP660N	GMP661N	0.07853	131	
GMP661N	GMP660N	-0.07918		-0.00065
GMP661N	GMP662	-0.90161	219	
GMP662	GMP661N	0.90113		-0.00048
GMP662	GMP663N	0.76725	105	
GMP663N	GMP662	-0.76776		-0.00051
GMP663N	GMP664	-0.65722	146	
GMP664	GMP663N	0.65725		0.00003
GMP664	GMP665N	0.52243	136	
GMP665N	GMP664	-0.52267		-0.00024
GMP665NGMP666N		-0.07439	145	
GMP666N	GMP665N	0.07413		-0.00026
GMP666N	GMP667	-0.55447	103	
GMP667	GMP666N	0.55481		0.00034
GMP667	GMP668	0.09977	214	
GMP668	GMP667	-0.10003		-0.00026
GMP668	GMP669	0.19124	167	
GMP669	GMP668	-0.19085		0.00039

POLIGON 3				
Br.Tacke	Br.Tacke	Visinska razlika	Duzina	
GMP670	GMP671	0.09455	184	
GMP671	GMP670	-0.09426		0.00029
GMP671	GMP672	0.03065	119	
GMP672	GMP671	-0.02996		0.00069
GMP672	GMP673N	0.37574	281	
GMP673N	GMP672	-0.37644		-0.00070
GMP673N	GMP674	0.62284	93	
GMP674	GMP673N	-0.62259		0.00025
GMP674	GMP675N	-0.68	175	
GMP675N	GMP674	0.68017		0.00017
GMP675N	GMP676N	0.21083	170	
GMP676N	GMP675N	-0.21077		0.00006
GMP676N	GMP677N	0.11107	129	
GMP677N	GMP676N	-0.1113		-0.00023
GMP677N	GMP678	-2.14664	171	
GMP678	GMP677N	2.14708		0.00044
GMP678	GMP679	0.79637	151	
GMP679	GMP678	-0.79723		-0.00086
GMP679	GMP680N	2.02232	200	
GMP680N	GMP679	-2.02287		-0.00055
GMP680N	GMP681	0.0506	80	
GMP681	GMP680N	-0.0508		-0.00020
GMP681	GMP682N	0.1076	161	
GMP682N	GMP681	-0.1076		0.00000
GMP682N	GMP683	-0.6478	123	
GMP683	GMP682N	0.6476		-0.00020
GMP683	GMP684	1.1462	194	
GMP684	GMP683	-1.1463		-0.00010
GMP684	GMP685	-0.9299	206	
GMP685	GMP684	0.9299		0.00000

POLIGON 4				
Br.Tacke	Br.Tacke	Visinska razlika	Duzina	
GMP688	GMP689	-0.12656	167	
GMP689	GMP688	0.12629		-0.00027
GMP689	GMP690	0.39876	111	
GMP690	GMP689	-0.39854		0.00022
GMP690	GMP691N	0.99368	132	
GMP691N	GMP690	-0.9937		-0.00002
GMP691N	GMP692	-0.67247	473	
GMP692	GMP691N	0.6712		-0.00127
GMP692	GMP693	-0.61837	159	
GMP693	GMP692	0.61735		-0.00102
GMP693	GMP694N	1.92429	185	
GMP694N	GMP693	-1.92469		-0.00040
GMP694N	GMP695	-0.92215	115	
GMP695	GMP694N	0.92192		-0.00023
GMP695	GMP696	-0.69552	162	
GMP696	GMP695	0.69576		0.00024
GMP696	GMP697	0.85531	148	
GMP697	GMP696	-0.85567		-0.00036

POLIGON 5				
Br.Tacke	Br.Tacke	Visinska razlika	Duzina	
GMP700	GMP701	-0.35877	171	
GMP701	GMP700	0.35852		-0.00025
GMP701	GMP702	0.19084	110	
GMP702	GMP701	-0.19112		-0.00028
GMP702	GMP703N	0.90424	154	
GMP703N	GMP702	-0.90373		0.00051
GMP703N	GMP704	-1.90798	117	
GMP704	GMP703N	1.90793		-0.00005
GMP704	GMP705N	0.92642	474	
GMP705N	GMP704	-0.92656		-0.00014

GMP705N	GMP706	-2.22891	198	
GMP706	GMP705N	2.22898		0.00007
GMP706	GMP707	-0.56686	149	
GMP707	GMP706	0.56627		-0.00059
GMP707	GMP708	0.79175	128	
GMP708	GMP707	-0.792		-0.00025
GMP708	GMP709	0.55633	142	
GMP709	GMP708	-0.55689		-0.00056
GMP709	GMP710	-0.64029	128	
GMP710	GMP709	0.64028		-0.00001
GMP710	GMP711N	0.67867	148	
GMP711N	GMP710	-0.67889		-0.00022
GMP711N	GMP712	-0.97916	154	
GMP712	GMP711N	0.97906		-0.00010
GMP712	GMP713	-0.89753	134	
GMP713	GMP712	0.89673		-0.00080
GMP713	GMP714N	1.20013	349	
GMP714N	GMP713	-1.20107		-0.00094
GMP714N	GMP715	-0.37916	130	
GMP715	GMP714N	0.37872		-0.00044
GMP715	GMP716	0.74341	207	
GMP716	GMP715	-0.74351		-0.00010
GMP716	GMP717	-0.50622	142	
GMP717	GMP716	0.5057		-0.00052

POLIGON 6

Br.Tacke	Br.Tacke	Visinska razlika	Duzina	
GMP720	GMP721	1.85759	162	
GMP721	GMP720	-1.85763		-0.00004
GMP721	GMP722	-0.62127	180	
GMP722	GMP721	0.62155		0.00028
GMP722	GMP723N	0.27738	286	
GMP723N	GMP722	-0.27811		-0.00073
GMP723N	GMP724	-0.86539	117	
GMP724	GMP723N	0.86432		-0.00107

GMP724	GMP726	2.37093	206	
GMP726	GMP724	-2.37037		0.00056
GMP726	GMP727	1.46112	156	
GMP727	GMP726	-1.46078		0.00034
GMP727	GMP728N	-1.29907	62	
GMP728N	GMP727	1.29889		-0.00018
GMP728N	GMP729N	0.64989	116	
GMP729N	GMP728N	-0.65009		-0.00020
GMP729N	GMP730N	0.68944	117	
GMP730N	GMP729N	-0.68886		0.00058
GMP730N	GMP731N	1.25767	214	
GMP731N	GMP730N	-1.25822		-0.00055
GMP731N	GMP732N	0.62806	108	
GMP732N	GMP731N	-0.62813		-0.00007
GMP732N	GMP733N	0.35265	69	
GMP733N	GMP732N	-0.35268		-0.00003
GMP733N	GMP734N	0.19695	30	
GMP734N	GMP733N	-0.19684		0.00011
GMP734N	GMP735N	-2.6619	240	
GMP735N	GMP734N	2.66281		0.00091
GMP735N	GMP736	3.85581	151	
GMP736	GMP735N	-3.85632		-0.00051
GMP736	GMP737N	-0.14642	96	
GMP737N	GMP736	0.14625		-0.00017
GMP737N	GMP739	0.69029	166	
GMP739	GMP737N	-0.691		-0.00071
GMP739	GMP738N	-0.79592	169	
GMP738N	GMP739	0.7968		0.00088
GMP738N	GMP740N	0.28404	327	
GMP740N	GMP738N	-0.28332		0.00072
GMP740N	GMP741N	0.01104	66	
GMP741N	GMP740N	-0.01103		0.00001
GMP741N	GMP742N	0.03593	69	
GMP742N	GMP741N	-0.03563		0.00030
GMP742N	GMP743N	-0.07425	110	
GMP743N	GMP742N	0.07393		-0.00032
GMP743N	GMP744N	-0.24678	67	
GMP744N	GMP743N	0.24691		0.00013

GMP744N	GMP745N	-0.00482	187	
GMP745N	GMP744N	0.00446		-0.00036
GMP745N	GMP746N	0.29151	102	
GMP746N	GMP745N	-0.29163		-0.00012
GMP746N	GMP747N	-0.36124	105	
GMP747N	GMP746N	0.36193		0.00069
GMP747N	GMP748N	0.28482	142	
GMP748N	GMP747N	-0.28504		-0.00022
GMP748N	GMP749N	-0.15372	214	
GMP749N	GMP748N	0.15395		0.00023
GMP749N	GMP750N	0.25194	143	
GMP750N	GMP749N	-0.2514		0.00054
GMP750N	GMP751N	0.06549	86	
GMP751N	GMP750N	-0.06597		-0.00048
GMP751N	GMP752N	-0.10185	178	
GMP752N	GMP751N	0.10179		-0.00006
GMP752N	GMP753N	0.36726	55	
GMP753N	GMP752N	-0.36753		-0.00027
GMP753N	GMP754N	0.04752	196	
GMP754N	GMP753N	-0.04853		-0.00101
GMP754N	GMP758N	6.81093	920	
GMP758N	GMP754N	-6.8102		0.00073
GMP758N	GMP759	-3.10023	127	
GMP759	GMP758N	3.09988		-0.00035
GMP759	GMP760	-0.10653	133	
GMP760	GMP759	0.10626		-0.00027
GMP760	GMP761	1.69109	167	
GMP761	GMP760	-1.69085		0.00024

POLIGON 7				
Br.Tacke	Br.Tacke	Visinska razlika	Duzina	
GMP766	GMP767	0.51365	166	
GMP767	GMP766	-0.51388		-0.00023
GMP767	GMP768	0.77709	150	
GMP768	GMP767	-0.77755		-0.00046

GMP768	GMP769N	2.96009	386	
GMP769N	GMP768	-2.95907		0.00102
GMP769N	GMP770	-0.96866	120	
GMP770	GMP769N	0.96765		-0.00101
GMP770	GMP771N	2.12335	145	
GMP771N	GMP770	-2.12271		0.00064
GMP771N	GMP772	-0.18961	154	
GMP772	GMP771N	0.18911		-0.00050
GMP772	GMP773N	1.07205	161	
GMP773N	GMP772	-1.07191		0.00014
GMP773N	GMP774N	0.01464	290	
GMP774N	GMP773N	-0.01513		-0.00049
GMP774N	GMP775	-1.68305	129	
GMP775	GMP774N	1.68283		-0.00022
GMP775	GMP776	1.23777	144	
GMP776	GMP775	-1.23746		0.00031
GMP776	GMP777	-0.93657	177	
GMP777	GMP776	0.93565		-0.00092
GMP777	GMP778	0.15437	122	
GMP778	GMP777	-0.15466		-0.00029
GMP778	GMP779N	1.19397	357	
GMP779N	GMP778	-1.19512		-0.00115
GMP779N	GMP780N	0.02012	124	
GMP780N	GMP779N	-0.0209		-0.00078
GMP780N	GMP781N	-0.00403	104	
GMP781N	GMP780N	0.00402		-0.00001
GMP781N	GMP782	-1.11559	100	
GMP782	GMP781N	1.11536		-0.00023
GMP782	GMP783N	1.12072	176	
GMP783N	GMP782	-1.12038		0.00034
GMP783N	GMP784N	0.00668	49	
GMP784N	GMP783N	-0.00671		-0.00003
GMP784N	GMP785N	-0.01145	123	
GMP785N	GMP784N	0.01145		0.00000
GMP785N	GMP786N	0.01381	275	
GMP786N	GMP785N	-0.01426		-0.00045
GMP786N	GMP787N	-0.02396	168	
GMP787N	GMP786N	0.02416		0.00020

GMP787N	GMP788	-1.17179	183	
GMP788	GMP787N	1.17143		-0.00036
GMP788	GMP789	-0.4575	152	
GMP789	GMP788	0.45733		-0.00017
GMP789	GMP790	0.79938	176	
GMP790	GMP789	-0.79967		-0.00029

POLIGON 8				
Br.Tacke	Br.Tacke	Visinska razlika	Duzina	
GMP796	GMP797	0.47411	205	
GMP797	GMP796	-0.4736		0.000510
GMP797	GMP798	0.4387	110	
GMP798	GMP797	-0.43903		-0.000330
GMP798	GMP799N	1.39296	117	
GMP799N	GMP798	-1.39261		0.000350
GMP799N	GMP800	-1.79794	114	
GMP800	GMP799N	1.79774		-0.000200
GMP800	GMP801	-0.05521	156	
GMP801	GMP800	0.05499		-0.000220
GMP801	GMP802	0.1246	398	
GMP802	GMP801	-0.12383		0.00077

12. IZVEŠTAJ O IZRAVNANJU 1D MREŽE

MicroSurvey STAR*NET-LEV Version 9,0,3,6298
Run Date: Tue Apr 02 2024 17:36:38

Summary of Files Used and Option Settings

==========

Project Folder and Data Files

Project Name 160_184
Project Folder D:\
Data File List 1. 160_184.dat

Project Option Settings

STAR*NET Run Mode : Adjust with Error Propagation
Type of Adjustment : Lev
Project Units : Meters
Input/Output Coordinate Order : North-East
Create Coordinate File : Yes

Instrument Standard Error Settings

Project Default Instrument
Differential Levels : 0.001000 Meters / Km

Summary of Unadjusted Input Observations

==========

Number of Entered Stations (Meters) = 47

Fixed Stations	Elev	Description
GMP630	107.6926	
GMP631	108.2558	
GMP632	108.1704	
GMP634	108.4037	
GMP635	107.6874	
GMP636	106.9304	
GMP644	105.9041	
GMP645	107.5647	
GMP646	107.5950	
GMP667	108.5531	
GMP668	108.6522	
GMP669	108.8432	
GMP670	108.7310	
GMP671	108.8262	
GMP672	108.8556	
GMP683	109.6799	
GMP684	110.8249	

GMP685	109.8983
GMP688	109.9259
GMP689	109.7996
GMP690	110.1981
GMP695	110.9052
GMP696	110.2102
GMP697	111.0653
GMP700	110.2942
GMP701	109.9349
GMP702	110.1253
GMP715	107.5852
GMP716	108.3334
GMP717	107.8227
GMP720	105.1000
GMP721	106.9574
GMP722	106.3354
GMP759	117.4166
GMP760	117.3114
GMP766	122.4321
GMP767	122.9467
GMP768	123.7243
GMP788	127.5444
GMP789	127.0871
GMP790	127.8867
GMP796	126.4110
GMP797	126.8853
GMP798	127.3236
GMP800	126.9210
GMP801	126.8639
GMP802	126.9873

Number of Differential Level Observations (Meters) = 138

From	To	Elev Diff	StdErr	Length
GMP630	GMP631	0.5618	0.0004	153
GMP631	GMP632	-0.0878	0.0004	126
GMP632	GMP633N	1.0761	0.0004	188
GMP633N	GMP634	-0.8436	0.0003	70
GMP634	GMP635	-0.7128	0.0004	143
GMP635	GMP636	-0.7606	0.0004	134
GMP644	GMP645	1.6597	0.0004	142
GMP645	GMP646	0.0271	0.0004	187
GMP646	GMP647N	1.8538	0.0004	147
GMP647N	GMP648	-1.6995	0.0004	123
GMP648	GMP649N	1.6015	0.0004	137
GMP649N	GMP650	-2.2223	0.0004	133
GMP650	GMP651N	1.7168	0.0003	88
GMP651N	GMP652	-1.4646	0.0004	187
GMP652	GMP653	1.1506	0.0003	109
GMP653	GMP654	-3.6949	0.0004	164

GMP654	GMP655N	3.6023	0.0007	553
GMP655N	GMP657	-0.3392	0.0005	300
GMP657	GMP658N	0.7216	0.0004	138
GMP658N	GMP659N	0.3445	0.0003	96
GMP659N	GMP660N	0.2038	0.0003	101
GMP660N	GMP661N	0.0789	0.0004	131
GMP661N	GMP662	-0.9014	0.0005	219
GMP662	GMP663N	0.7675	0.0003	105
GMP663N	GMP664	-0.6572	0.0004	146
GMP664	GMP665N	0.5225	0.0004	136
GMP665N	GMP666N	-0.0743	0.0004	145
GMP666N	GMP667	-0.5546	0.0003	103
GMP667	GMP668	0.0999	0.0005	214
GMP668	GMP669	0.1911	0.0004	167
GMP670	GMP671	0.0944	0.0004	184
GMP671	GMP672	0.0303	0.0003	119
GMP672	GMP673N	0.3761	0.0005	281
GMP673N	GMP674	0.6227	0.0003	93
GMP674	GMP675N	-0.6801	0.0004	175
GMP675N	GMP676N	0.2108	0.0004	170
GMP676N	GMP677N	0.1112	0.0004	129
GMP677N	GMP678	-2.1469	0.0004	171
GMP678	GMP679	0.7968	0.0004	151
GMP679	GMP680N	2.0226	0.0004	200
GMP680N	GMP681	0.0507	0.0003	80
GMP681	GMP682N	0.1076	0.0004	161
GMP682N	GMP683	-0.6477	0.0004	123
GMP683	GMP684	1.1463	0.0004	194
GMP684	GMP685	-0.9299	0.0005	206
GMP688	GMP689	-0.1264	0.0004	167
GMP689	GMP690	0.3987	0.0003	111
GMP690	GMP691N	0.9937	0.0004	132
GMP691N	GMP692	-0.6718	0.0007	473
GMP692	GMP693	-0.6179	0.0004	159
GMP693	GMP694N	1.9245	0.0004	185
GMP694N	GMP695	-0.9220	0.0003	115
GMP695	GMP696	-0.6956	0.0004	162
GMP696	GMP697	0.8555	0.0004	148
GMP700	GMP701	-0.3587	0.0004	171
GMP701	GMP702	0.1910	0.0003	110
GMP702	GMP703N	0.9040	0.0004	154
GMP703N	GMP704	-1.9080	0.0003	117
GMP704	GMP705N	0.9265	0.0007	474
GMP705N	GMP706	-2.2290	0.0004	198
GMP706	GMP707	-0.5666	0.0004	149
GMP707	GMP708	0.7919	0.0004	128
GMP708	GMP709	0.5566	0.0004	142
GMP709	GMP710	-0.6403	0.0004	128
GMP710	GMP711N	0.6788	0.0004	148
GMP711N	GMP712	-0.9791	0.0004	154

GMP712	GMP713	-0.8971	0.0004	134
GMP713	GMP714N	1.2006	0.0006	349
GMP714N	GMP715	-0.3789	0.0004	130
GMP715	GMP716	0.7435	0.0005	207
GMP716	GMP717	-0.5060	0.0004	142
GMP720	GMP721	1.8576	0.0004	162
GMP721	GMP722	-0.6214	0.0004	180
GMP722	GMP723N	0.2778	0.0005	286
GMP723N	GMP724	-0.8649	0.0003	117
GMP724	GMP726	2.3706	0.0005	206
GMP726	GMP727	1.4610	0.0004	156
GMP727	GMP728N	-1.2990	0.0002	62
GMP728N	GMP729N	0.6500	0.0003	116
GMP729N	GMP730N	0.6892	0.0003	117
GMP730N	GMP731N	1.2580	0.0005	214
GMP731N	GMP732N	0.6281	0.0003	108
GMP732N	GMP733N	0.3527	0.0003	69
GMP733N	GMP734N	0.1969	0.0002	30
GMP734N	GMP735N	-2.6624	0.0005	240
GMP735N	GMP736	3.8561	0.0004	151
GMP736	GMP737N	-0.1463	0.0003	96
GMP737N	GMP739	0.6907	0.0004	166
GMP739	GMP738N	-0.7964	0.0004	169
GMP738N	GMP740N	0.2837	0.0006	327
GMP740N	GMP741N	0.0110	0.0003	66
GMP741N	GMP742N	0.0358	0.0003	69
GMP742N	GMP743N	-0.0741	0.0003	110
GMP743N	GMP744N	-0.2469	0.0003	67
GMP744N	GMP745N	-0.0046	0.0004	187
GMP745N	GMP746N	0.2916	0.0003	102
GMP746N	GMP747N	-0.3616	0.0003	105
GMP747N	GMP748N	0.2849	0.0004	142
GMP748N	GMP749N	-0.1538	0.0005	214
GMP749N	GMP750N	0.2517	0.0004	143
GMP750N	GMP751N	0.0657	0.0003	86
GMP751N	GMP752N	-0.1018	0.0004	178
GMP752N	GMP753N	0.3674	0.0002	55
GMP753N	GMP754N	0.0480	0.0004	196
GMP754N	GMP758N	6.8106	0.0010	920
GMP758N	GMP759	-3.1001	0.0004	127
GMP759	GMP760	-0.1064	0.0004	133
GMP760	GMP761	1.6910	0.0004	167
GMP766	GMP767	0.5138	0.0004	166
GMP767	GMP768	0.7773	0.0004	150
GMP768	GMP769N	2.9596	0.0006	386
GMP769N	GMP770	-0.9682	0.0003	120
GMP770	GMP771N	2.1230	0.0004	145
GMP771N	GMP772	-0.1894	0.0004	154
GMP772	GMP773N	1.0720	0.0004	161
GMP773N	GMP774N	0.0149	0.0005	290

GMP774N	GMP775	-1.6829	0.0004	129
GMP775	GMP776	1.2376	0.0004	144
GMP776	GMP777	-0.9361	0.0004	177
GMP777	GMP778	0.1545	0.0003	122
GMP778	GMP779N	1.1946	0.0006	357
GMP779N	GMP780N	0.0205	0.0004	124
GMP780N	GMP781N	-0.0040	0.0003	104
GMP781N	GMP782	-1.1155	0.0003	100
GMP782	GMP783N	1.1205	0.0004	176
GMP783N	GMP784N	0.0067	0.0002	49
GMP784N	GMP785N	-0.0115	0.0004	123
GMP785N	GMP786N	0.0140	0.0005	275
GMP786N	GMP787N	-0.0241	0.0004	168
GMP787N	GMP788	-1.1716	0.0004	183
GMP788	GMP789	-0.4574	0.0004	152
GMP789	GMP790	0.7995	0.0004	176
GMP796	GMP797	0.4739	0.0005	205
GMP797	GMP798	0.4389	0.0003	110
GMP798	GMP799N	1.3928	0.0003	117
GMP799N	GMP800	-1.7978	0.0003	114
GMP800	GMP801	-0.0551	0.0004	156
GMP801	GMP802	0.1242	0.0006	398

Adjustment Statistical Summary
==========

Number of Stations = 146

Number of Observations = 138
Number of Unknowns = 99
Number of Redundant Obs = 39

Observation Level	Count of StdRes	Sum Squares Data	Error Factor
Data	138	767.787	4.437
Total	138	767.787	4.437

Warning: The Chi-Square Test at 5.00% Level Exceeded Upper Bound
Lower/Upper Bounds (0.779/1.221)

Adjusted Elevations and Error Propagation (Meters)
==========

Station	Elev	StdDev	95%	Description
GMP630	107.6926	0.000000	0.000001	
GMP631	108.2558	0.000000	0.000001	
GMP632	108.1704	0.000000	0.000001	
GMP634	108.4037	0.000000	0.000001	
GMP635	107.6874	0.000000	0.000001	

GMP636	106.9304	0.000000	0.000001
GMP644	105.9041	0.000000	0.000001
GMP645	107.5647	0.000000	0.000001
GMP646	107.5950	0.000000	0.000001
GMP667	108.5531	0.000000	0.000001
GMP668	108.6522	0.000000	0.000001
GMP669	108.8432	0.000000	0.000001
GMP670	108.7310	0.000000	0.000001
GMP671	108.8262	0.000000	0.000001
GMP672	108.8556	0.000000	0.000001
GMP683	109.6799	0.000000	0.000001
GMP684	110.8249	0.000000	0.000001
GMP685	109.8983	0.000000	0.000001
GMP688	109.9259	0.000000	0.000001
GMP689	109.7996	0.000000	0.000001
GMP690	110.1981	0.000000	0.000001
GMP695	110.9052	0.000000	0.000001
GMP696	110.2102	0.000000	0.000001
GMP697	111.0653	0.000000	0.000001
GMP700	110.2942	0.000000	0.000001
GMP701	109.9349	0.000000	0.000001
GMP702	110.1253	0.000000	0.000001
GMP715	107.5852	0.000000	0.000001
GMP716	108.3334	0.000000	0.000001
GMP717	107.8227	0.000000	0.000001
GMP720	105.1000	0.000000	0.000001
GMP721	106.9574	0.000000	0.000001
GMP722	106.3354	0.000000	0.000001
GMP759	117.4166	0.000000	0.000001
GMP760	117.3114	0.000000	0.000001
GMP766	122.4321	0.000000	0.000001
GMP767	122.9467	0.000000	0.000001
GMP768	123.7243	0.000000	0.000001
GMP788	127.5444	0.000000	0.000001
GMP789	127.0871	0.000000	0.000001
GMP790	127.8867	0.000000	0.000001
GMP796	126.4110	0.000000	0.000001
GMP797	126.8853	0.000000	0.000001
GMP798	127.3236	0.000000	0.000001
GMP800	126.9210	0.000000	0.000001
GMP801	126.8639	0.000000	0.000001
GMP802	126.9873	0.000000	0.000001
GMP633N	109.2471	0.001002	0.001964
GMP647N	109.4489	0.001662	0.003258
GMP648	107.7495	0.002208	0.004328
GMP649N	109.3511	0.002648	0.005190
GMP650	107.1289	0.002978	0.005837
GMP651N	108.8458	0.003159	0.006193
GMP652	107.3813	0.003469	0.006799
GMP653	108.5320	0.003611	0.007077

GMP654	104.8372	0.003778	0.007405
GMP655N	108.4399	0.004006	0.007852
GMP657	108.1010	0.003933	0.007708
GMP658N	108.8226	0.003852	0.007549
GMP659N	109.1672	0.003776	0.007401
GMP660N	109.3710	0.003679	0.007211
GMP661N	109.4500	0.003523	0.006904
GMP662	108.5487	0.003173	0.006219
GMP663N	109.3163	0.002956	0.005794
GMP664	108.6592	0.002583	0.005062
GMP665N	109.1818	0.002124	0.004163
GMP666N	109.1077	0.001401	0.002747
GMP673N	109.2318	0.002153	0.004220
GMP674	109.8545	0.002403	0.004710
GMP675N	109.1745	0.002718	0.005327
GMP676N	109.3853	0.002878	0.005642
GMP677N	109.4965	0.002921	0.005724
GMP678	107.3497	0.002876	0.005637
GMP679	108.1466	0.002737	0.005365
GMP680N	110.1692	0.002379	0.004664
GMP681	110.2199	0.002162	0.004238
GMP682N	110.3276	0.001500	0.002940
GMP691N	111.1919	0.001509	0.002957
GMP692	110.5203	0.002267	0.004443
GMP693	109.9026	0.002059	0.004036
GMP694N	111.8272	0.001421	0.002785
GMP703N	111.0293	0.001685	0.003302
GMP704	109.1214	0.002176	0.004264
GMP705N	110.0480	0.003182	0.006236
GMP706	107.8191	0.003359	0.006584
GMP707	107.2525	0.003426	0.006715
GMP708	108.0444	0.003440	0.006742
GMP709	108.6011	0.003410	0.006684
GMP710	107.9608	0.003341	0.006548
GMP711N	108.6396	0.003207	0.006285
GMP712	107.6605	0.002999	0.005877
GMP713	106.7634	0.002748	0.005386
GMP714N	107.9641	0.001556	0.003050
GMP723N	106.6138	0.002309	0.004526
GMP724	105.7492	0.002709	0.005311
GMP726	108.1203	0.003261	0.006392
GMP727	109.5816	0.003595	0.007047
GMP728N	108.2827	0.003713	0.007277
GMP729N	108.9330	0.003914	0.007672
GMP730N	109.6224	0.004095	0.008026
GMP731N	110.8808	0.004377	0.008579
GMP732N	111.5091	0.004499	0.008818
GMP733N	111.8619	0.004570	0.008957
GMP734N	112.0589	0.004600	0.009015
GMP735N	109.3971	0.004804	0.009415

GMP736	113.2535	0.004906	0.009616
GMP737N	113.1073	0.004961	0.009724
GMP739	113.7983	0.005040	0.009878
GMP738N	113.0023	0.005098	0.009992
GMP740N	113.2867	0.005152	0.010098
GMP741N	113.2979	0.005154	0.010101
GMP742N	113.3339	0.005152	0.010098
GMP743N	113.2600	0.005143	0.010080
GMP744N	113.0133	0.005133	0.010060
GMP745N	113.0091	0.005088	0.009972
GMP746N	113.3009	0.005053	0.009903
GMP747N	112.9395	0.005008	0.009816
GMP748N	113.2247	0.004934	0.009671
GMP749N	113.0714	0.004792	0.009392
GMP750N	113.3233	0.004675	0.009162
GMP751N	113.3893	0.004595	0.009005
GMP752N	113.2878	0.004405	0.008634
GMP753N	113.6554	0.004340	0.008506
GMP754N	113.7038	0.004076	0.007989
GMP758N	120.5164	0.001562	0.003062
GMP761	119.0024	0.001813	0.003554
GMP769N	126.6845	0.002600	0.005095
GMP770	125.7165	0.002918	0.005720
GMP771N	127.8397	0.003229	0.006328
GMP772	127.6506	0.003491	0.006843
GMP773N	128.7228	0.003708	0.007268
GMP774N	128.7382	0.003977	0.007796
GMP775	127.0554	0.004054	0.007946
GMP776	128.2933	0.004111	0.008058
GMP777	127.3574	0.004142	0.008118
GMP778	127.5121	0.004138	0.008110
GMP779N	128.7072	0.004008	0.007855
GMP780N	128.7279	0.003919	0.007681
GMP781N	128.7241	0.003825	0.007497
GMP782	127.6087	0.003717	0.007286
GMP783N	128.7296	0.003481	0.006822
GMP784N	128.7363	0.003403	0.006669
GMP785N	128.7251	0.003180	0.006232
GMP786N	128.7395	0.002493	0.004886
GMP787N	128.7157	0.001848	0.003621
GMP799N	128.7176	0.001066	0.002090

Adjusted Observations and Residuals

==========

Adjusted Differential Level Observations (Meters)

From	To	Elev Diff	Residual	StdErr	StdRes	File:Line
GMP630	GMP631	0.5632	0.0014	0.0004	3.6*	1:61
GMP631	GMP632	-0.0854	0.0024	0.0004	6.9*	1:62

GMP632	GMP633N	1.0767	0.0006	0.0004	1.3	1:63
GMP633N	GMP634	-0.8434	0.0002	0.0003	0.8	1:64
GMP634	GMP635	-0.7163	-0.0035	0.0004	9.2*	1:65
GMP635	GMP636	-0.7570	0.0036	0.0004	9.9*	1:66
GMP644	GMP645	1.6606	0.0009	0.0004	2.4	1:67
GMP645	GMP646	0.0303	0.0032	0.0004	7.4*	1:68
GMP646	GMP647N	1.8539	0.0001	0.0004	0.3	1:69
GMP647N	GMP648	-1.6994	0.0001	0.0004	0.2	1:70
GMP648	GMP649N	1.6016	0.0001	0.0004	0.3	1:71
GMP649N	GMP650	-2.2222	0.0001	0.0004	0.2	1:72
GMP650	GMP651N	1.7169	0.0001	0.0003	0.2	1:73
GMP651N	GMP652	-1.4645	0.0001	0.0004	0.3	1:74
GMP652	GMP653	1.1506	0.0001	0.0003	0.2	1:75
GMP653	GMP654	-3.6948	0.0001	0.0004	0.3	1:76
GMP654	GMP655N	3.6027	0.0004	0.0007	0.5	1:77
GMP655N	GMP657	-0.3389	0.0002	0.0005	0.4	1:78
GMP657	GMP658N	0.7217	0.0001	0.0004	0.3	1:79
GMP658N	GMP659N	0.3445	0.0001	0.0003	0.2	1:80
GMP659N	GMP660N	0.2038	0.0001	0.0003	0.2	1:81
GMP660N	GMP661N	0.0789	0.0001	0.0004	0.2	1:82
GMP661N	GMP662	-0.9012	0.0001	0.0005	0.3	1:83
GMP662	GMP663N	0.7676	0.0001	0.0003	0.2	1:84
GMP663N	GMP664	-0.6571	0.0001	0.0004	0.3	1:85
GMP664	GMP665N	0.5226	0.0001	0.0004	0.3	1:86
GMP665N	GMP666N	-0.0742	0.0001	0.0004	0.3	1:87
GMP666N	GMP667	-0.5546	0.0001	0.0003	0.2	1:88
GMP667	GMP668	0.0991	-0.0008	0.0005	1.7	1:89
GMP668	GMP669	0.1910	-0.0000	0.0004	0.1	1:90
GMP670	GMP671	0.0952	0.0008	0.0004	1.8	1:91
GMP671	GMP672	0.0294	-0.0009	0.0003	2.6	1:92
GMP672	GMP673N	0.3762	0.0001	0.0005	0.1	1:93
GMP673N	GMP674	0.6227	0.0000	0.0003	0.1	1:94
GMP674	GMP675N	-0.6800	0.0000	0.0004	0.1	1:95
GMP675N	GMP676N	0.2108	0.0000	0.0004	0.1	1:96
GMP676N	GMP677N	0.1112	0.0000	0.0004	0.1	1:97
GMP677N	GMP678	-2.1468	0.0000	0.0004	0.1	1:98
GMP678	GMP679	0.7968	0.0000	0.0004	0.1	1:99
GMP679	GMP680N	2.0227	0.0001	0.0004	0.1	1:100
GMP680N	GMP681	0.0507	0.0000	0.0003	0.1	1:101
GMP681	GMP682N	0.1076	0.0000	0.0004	0.1	1:102
GMP682N	GMP683	-0.6477	0.0000	0.0004	0.1	1:103
GMP683	GMP684	1.1450	-0.0013	0.0004	2.8	1:104
GMP684	GMP685	-0.9266	0.0033	0.0005	7.3*	1:105
GMP688	GMP689	-0.1263	0.0001	0.0004	0.3	1:106
GMP689	GMP690	0.3985	-0.0002	0.0003	0.5	1:107
GMP690	GMP691N	0.9938	0.0001	0.0004	0.2	1:108
GMP691N	GMP692	-0.6715	0.0003	0.0007	0.4	1:109
GMP692	GMP693	-0.6178	0.0001	0.0004	0.2	1:110
GMP693	GMP694N	1.9246	0.0001	0.0004	0.3	1:111
GMP694N	GMP695	-0.9220	0.0001	0.0003	0.2	1:112

GMP695	GMP696	-0.6950	0.0006	0.0004	1.6	1:113
GMP696	GMP697	0.8551	-0.0004	0.0004	1.0	1:114
GMP700	GMP701	-0.3593	-0.0007	0.0004	1.6	1:115
GMP701	GMP702	0.1904	-0.0006	0.0003	1.7	1:116
GMP702	GMP703N	0.9040	0.0000	0.0004	0.1	1:117
GMP703N	GMP704	-1.9079	0.0000	0.0003	0.1	1:118
GMP704	GMP705N	0.9266	0.0001	0.0007	0.1	1:119
GMP705N	GMP706	-2.2289	0.0000	0.0004	0.1	1:120
GMP706	GMP707	-0.5665	0.0000	0.0004	0.1	1:121
GMP707	GMP708	0.7919	0.0000	0.0004	0.1	1:122
GMP708	GMP709	0.5566	0.0000	0.0004	0.1	1:123
GMP709	GMP710	-0.6403	0.0000	0.0004	0.1	1:124
GMP710	GMP711N	0.6788	0.0000	0.0004	0.1	1:125
GMP711N	GMP712	-0.9791	0.0000	0.0004	0.1	1:126
GMP712	GMP713	-0.8971	0.0000	0.0004	0.1	1:127
GMP713	GMP714N	1.2007	0.0001	0.0006	0.1	1:128
GMP714N	GMP715	-0.3789	0.0000	0.0004	0.1	1:129
GMP715	GMP716	0.7482	0.0047	0.0005	10.4*	1:130
GMP716	GMP717	-0.5107	-0.0047	0.0004	12.6*	1:131
GMP720	GMP721	1.8574	-0.0002	0.0004	0.5	1:132
GMP721	GMP722	-0.6220	-0.0006	0.0004	1.4	1:133
GMP722	GMP723N	0.2784	0.0006	0.0005	1.2	1:134
GMP723N	GMP724	-0.8646	0.0003	0.0003	0.7	1:135
GMP724	GMP726	2.3711	0.0004	0.0005	1.0	1:136
GMP726	GMP727	1.4613	0.0003	0.0004	0.9	1:137
GMP727	GMP728N	-1.2988	0.0001	0.0002	0.5	1:138
GMP728N	GMP729N	0.6502	0.0003	0.0003	0.7	1:139
GMP729N	GMP730N	0.6894	0.0003	0.0003	0.7	1:140
GMP730N	GMP731N	1.2584	0.0005	0.0005	1.0	1:141
GMP731N	GMP732N	0.6283	0.0002	0.0003	0.7	1:142
GMP732N	GMP733N	0.3528	0.0002	0.0003	0.6	1:143
GMP733N	GMP734N	0.1970	0.0001	0.0002	0.4	1:144
GMP734N	GMP735N	-2.6618	0.0005	0.0005	1.1	1:145
GMP735N	GMP736	3.8564	0.0003	0.0004	0.8	1:146
GMP736	GMP737N	-0.1461	0.0002	0.0003	0.7	1:147
GMP737N	GMP739	0.6910	0.0004	0.0004	0.9	1:148
GMP739	GMP738N	-0.7960	0.0004	0.0004	0.9	1:149
GMP738N	GMP740N	0.2844	0.0007	0.0006	1.2	1:150
GMP740N	GMP741N	0.0112	0.0001	0.0003	0.6	1:151
GMP741N	GMP742N	0.0359	0.0002	0.0003	0.6	1:152
GMP742N	GMP743N	-0.0739	0.0002	0.0003	0.7	1:153
GMP743N	GMP744N	-0.2467	0.0001	0.0003	0.6	1:154
GMP744N	GMP745N	-0.0042	0.0004	0.0004	0.9	1:155
GMP745N	GMP746N	0.2918	0.0002	0.0003	0.7	1:156
GMP746N	GMP747N	-0.3614	0.0002	0.0003	0.7	1:157
GMP747N	GMP748N	0.2852	0.0003	0.0004	0.8	1:158
GMP748N	GMP749N	-0.1534	0.0005	0.0005	1.0	1:159
GMP749N	GMP750N	0.2520	0.0003	0.0004	0.8	1:160
GMP750N	GMP751N	0.0659	0.0002	0.0003	0.6	1:161
GMP751N	GMP752N	-0.1014	0.0004	0.0004	0.9	1:162

GMP752N	GMP753N	0.3675	0.0001	0.0002	0.5	1:163
GMP753N	GMP754N	0.0485	0.0004	0.0004	1.0	1:164
GMP754N	GMP758N	6.8126	0.0020	0.0010	2.1	1:165
GMP758N	GMP759	-3.0998	0.0003	0.0004	0.8	1:166
GMP759	GMP760	-0.1052	0.0012	0.0004	3.3*	1:167
GMP760	GMP761	1.6910	-0.0000	0.0004	0.0	1:168
GMP766	GMP767	0.5146	0.0008	0.0004	2.0	1:169
GMP767	GMP768	0.7776	0.0003	0.0004	0.7	1:170
GMP768	GMP769N	2.9602	0.0006	0.0006	0.9	1:171
GMP769N	GMP770	-0.9680	0.0002	0.0003	0.5	1:172
GMP770	GMP771N	2.1233	0.0002	0.0004	0.6	1:173
GMP771N	GMP772	-0.1891	0.0002	0.0004	0.6	1:174
GMP772	GMP773N	1.0722	0.0002	0.0004	0.6	1:175
GMP773N	GMP774N	0.0153	0.0004	0.0005	0.8	1:176
GMP774N	GMP775	-1.6827	0.0002	0.0004	0.5	1:177
GMP775	GMP776	1.2378	0.0002	0.0004	0.6	1:178
GMP776	GMP777	-0.9358	0.0003	0.0004	0.6	1:179
GMP777	GMP778	0.1547	0.0002	0.0003	0.5	1:180
GMP778	GMP779N	1.1951	0.0005	0.0006	0.9	1:181
GMP779N	GMP780N	0.0207	0.0002	0.0004	0.5	1:182
GMP780N	GMP781N	-0.0039	0.0002	0.0003	0.5	1:183
GMP781N	GMP782	-1.1153	0.0002	0.0003	0.5	1:184
GMP782	GMP783N	1.1208	0.0003	0.0004	0.6	1:185
GMP783N	GMP784N	0.0068	0.0001	0.0002	0.3	1:186
GMP784N	GMP785N	-0.0113	0.0002	0.0004	0.5	1:187
GMP785N	GMP786N	0.0145	0.0004	0.0005	0.8	1:188
GMP786N	GMP787N	-0.0238	0.0003	0.0004	0.6	1:189
GMP787N	GMP788	-1.1713	0.0003	0.0004	0.7	1:190
GMP788	GMP789	-0.4573	0.0001	0.0004	0.3	1:191
GMP789	GMP790	0.7996	0.0001	0.0004	0.2	1:192
GMP796	GMP797	0.4743	0.0004	0.0005	1.0	1:193
GMP797	GMP798	0.4383	-0.0006	0.0003	1.7	1:194
GMP798	GMP799N	1.3940	0.0012	0.0003	3.6*	1:195
GMP799N	GMP800	-1.7966	0.0012	0.0003	3.6*	1:196
GMP800	GMP801	-0.0571	-0.0020	0.0004	5.1*	1:197
GMP801	GMP802	0.1234	-0.0008	0.0006	1.3	1:198

13. SPISAK KOORDINATA I VISINA TAČAKA OBNOVLJENE GEODETSKE MREŽE

Station	Easting [m]	Northing [m]	Ortho. Height [m]
GMP630	7397536.2841	5092354.4407	107.6926
GMP631	7397588.6376	5092491.3402	108.2558
GMP632	7397568.2495	5092608.3434	108.1704
GMP633N	7397612.4183	5092786.9920	109.2471
GMP634	7397600.3021	5092853.1863	108.4037
GMP635	7397648.0545	5092979.7511	107.6874
GMP636	7397631.0595	5093106.7858	106.9304
GMP644	7397740.2266	5094115.5865	105.9041
GMP645	7397806.4530	5094233.4742	107.5647
GMP646	7397784.5247	5094401.3780	107.5950
GMP647N	7397828.2146	5094523.7124	109.4489
GMP648	7397819.8566	5094643.4416	107.7495
GMP649N	7397859.1664	5094771.6789	109.3511
GMP650	7397848.3763	5094900.0834	107.1289
GMP651N	7397884.4468	5094976.9508	108.8458
GMP652	7397881.4362	5095156.6930	107.3813
GMP653	7397926.8006	5095245.7054	108.5320
GMP654	7397891.6251	5095398.3628	104.8372
GMP655N	7397989.0904	5095818.6717	108.4399
GMP656	7397974.0966	5095935.2174	UNISTENA IZMEDJU STATIKE I NIVELANJA
GMP657	7398037.9389	5096092.5391	108.1010
GMP658N	7398027.0847	5096221.7611	108.8226
GMP659N	7398050.7135	5096314.8867	109.1672
GMP660N	7398052.1252	5096414.8845	109.3710
GMP661N	7398081.5207	5096562.9799	109.4500
GMP662	7398069.6702	5096725.1174	108.5487
GMP663N	7398113.0750	5096817.7760	109.3163
GMP664	7398106.5181	5096952.1527	108.6592
GMP665N	7398143.2426	5097059.1521	109.1818
GMP666N	7398150.9307	5097202.0785	109.1077
GMP667	7398198.7676	5097279.5159	108.5531
GMP668	7398167.8114	5097465.9093	108.6522
GMP669	7398233.4031	5097598.5863	108.8432
GMP670	7398192.8126	5097679.6997	108.7310
GMP671	7398261.3284	5097841.3167	108.8262
GMP672	7398230.0193	5097953.1587	108.8556
GMP673N	7398298.0369	5098213.6778	109.2318
GMP674	7398278.6631	5098298.9632	109.8545
GMP675N	7398320.8465	5098451.6113	109.1745
GMP676N	7398330.8965	5098619.9111	109.3853
GMP677N	7398357.2953	5098744.3432	109.4965

GMP678	7398346.7947	5098890.6043	107.3497
GMP679	7398423.1088	5098979.8410	108.1466
GMP680N	7398391.0724	5099154.4294	110.1692
GMP681	7398434.4833	5099220.5620	110.2199
GMP682N	7398416.8088	5099362.9523	110.3276
GMP683	7398460.2655	5099468.3639	109.6799
GMP684	7398432.0972	5099639.4449	110.8249
GMP685	7398508.0059	5099804.5427	109.8983
GMP688	7398502.8203	5100146.4935	109.9259
GMP689	7398557.6419	5100297.9264	109.7996
GMP690	7398534.7344	5100390.7393	110.1981
GMP691N	7398574.0728	5100484.5498	111.1919
GMP692	7398696.6861	5100924.3312	110.5203
GMP693	7398716.8657	5101068.1619	109.9026
GMP694N	7398814.1368	5101202.2336	111.8272
GMP695	7398845.4133	5101310.0551	110.9052
GMP696	7398958.2009	5101397.6154	110.2102
GMP697	7398991.9096	5101505.8231	111.0653
GMP700	7399291.0683	5101787.3560	110.2942
GMP701	7399355.9848	5101941.4417	109.9349
GMP702	7399453.9862	5101978.2515	110.1253
GMP703N	7399535.6768	5102106.1407	111.0293
GMP704	7399621.3331	5102180.4554	109.1214
GMP705N	7399828.6737	5102603.6641	110.0480
GMP706	7399872.5114	5102793.0901	107.8191
GMP707	7399934.0872	5102912.1008	107.2525
GMP708	7399918.6942	5103031.9067	108.0444
GMP709	7399969.5215	5103143.4616	108.6011
GMP710	7399947.5201	5103263.9194	107.9608
GMP711N	7399982.0588	5103404.0059	108.6396
GMP712	7399977.2687	5103553.2125	107.6605
GMP713	7400030.7076	5103661.5263	106.7634
GMP714N	7400027.7138	5104006.3732	107.9641
GMP715	7400046.0396	5104118.5751	107.5852
GMP716	7399954.6158	5104267.2726	108.3334
GMP717	7399937.4098	5104392.1079	107.8227
GMP720	7399675.7433	5104657.9715	105.1000
GMP721	7399615.9900	5104804.2041	106.9574
GMP722	7399470.4511	5104883.5587	106.3354
GMP723N	7399409.4653	5105062.4173	106.6138
GMP724	7399323.4389	5105121.8657	105.7492
GMP725N	7399283.7526	5105216.2755	UNISTENA IZMEDJU STATIKE I NIVELANJA
GMP726	7399239.3602	5105299.9616	108.1203
GMP727	7399149.0784	5105420.9244	109.5816

GMP728N	7399096.9700	5105452.3041	108.2827
GMP729N	7399036.5350	5105550.1382	108.9330
GMP730N	7398959.3051	5105636.7021	109.6224
GMP731N	7398846.5584	5105813.6008	110.8808
GMP732N	7398779.7049	5105891.7164	111.5091
GMP733N	7398749.1923	5105953.1028	111.8619
GMP734N	7398723.5280	5105968.8242	112.0589
GMP735N	7398599.3777	5106149.5511	109.3971
GMP736	7398475.2036	5106171.6392	113.2535
GMP737N	7398426.7541	5106233.5002	113.1073
GMP738N	7398161.2036	5106414.0872	113.0023
GMP739	7398309.3861	5106339.6789	113.7983
GMP740N	7397999.5678	5106692.9913	113.2867
GMP741N	7397939.5889	5106696.5407	113.2979
GMP742N	7397949.5245	5106760.5269	113.3339
GMP743N	7397894.1869	5106837.8019	113.2600
GMP744N	7397848.2872	5106821.5220	113.0133
GMP745N	7397829.7537	5106986.9654	113.0091
GMP746N	7397771.7372	5107068.3034	113.3009
GMP747N	7397770.9481	5107171.8576	112.9395
GMP748N	7397709.6011	5107289.6233	113.2247
GMP749N	7397698.2246	5107457.5933	113.0714
GMP750N	7397627.0834	5107557.0788	113.3233
GMP751N	7397621.4421	5107622.0586	113.3893
GMP752N	7397543.1201	5107757.7952	113.2878
GMP753N	7397554.5048	5107805.9111	113.6554
GMP754N	7397474.2440	5107980.8799	113.7038
GMP758N	7397286.2129	5108626.8007	120.5164
GMP759	7397213.6560	5108772.6287	117.4166
GMP760	7397224.0566	5108871.2701	117.3114
GMP766	7397001.3322	5109588.2181	122.4321
GMP767	7396922.1494	5109718.8687	122.9467
GMP768	7396919.6729	5109846.4356	123.7243
GMP769N	7396787.6307	5110204.9554	126.6845
GMP770	7396776.9092	5110317.2316	125.7165
GMP771N	7396718.3091	5110429.5092	127.8397
GMP772	7396701.1285	5110575.2527	127.6506
GMP773N	7396629.8057	5110716.1630	128.7228
GMP774N	7396554.8906	5110994.7455	128.7382
GMP775	7396501.4554	5111074.2276	127.0554
GMP776	7396508.0701	5111199.6416	128.2933
GMP777	7396425.1673	5111315.7955	127.3574
GMP778	7396440.8349	5111411.3819	127.5121
GMP779N	7396321.5132	5111714.6675	128.7072
GMP780N	7396295.5733	5111834.6700	128.7279
GMP781N	7396254.9033	5111929.5122	128.7241

GMP782	7396248.9085	5112035.0297	127.6087
GMP783N	7396165.9529	5112185.3692	128.7296
GMP784N	7396151.8311	5112251.4081	128.7363
GMP785N	7396096.3639	5112358.9235	128.7251
GMP786N	7396000.4687	5112596.8303	128.7395
GMP787N	7395925.8273	5112744.6935	128.7157
GMP788	7395814.7322	5112869.2952	127.5444
GMP789	7395828.7460	5112989.7890	127.0871
GMP790	7395694.3490	5113092.8163	127.8867
GMP796	7395309.8713	5113788.3551	126.4110
GMP797	7395272.4090	5113961.7236	126.8853
GMP798	7395190.3224	5114003.9299	127.3236
GMP799N	7395159.2357	5114105.4063	128.7176
GMP800	7395072.6540	5114221.5370	126.9210
GMP801	7395052.2851	5114349.1655	126.8639
GMP802	7394859.1959	5114681.0023	126.9873

14. SPISAK KOORDINATA I VISINA TAČAKA POSTOJEĆE GEODETSKE MREŽE

Station	Easting [m]	Northing [m]	Ortho. Height [m]
GMP637	7397679.9930	5093229.5327	107.0381
GMP638	7397663.5707	5093359.5893	107.3748
GMP639	7397715.7332	5093492.0975	107.9892
GMP640	7397694.8165	5093611.6991	106.7734
GMP641	7397744.2164	5093733.2103	107.5751
GMP642	7397725.0278	5093873.0857	107.9616
GMP643	7397780.5259	5093987.1866	107.5395
GMP686	7398473.9479	5099902.5147	110.2170
GMP687	7398540.3858	5100070.4272	109.0227
GMP698	7399117.1498	5101591.0285	110.8518
GMP699	7399183.9551	5101722.4160	109.7689
GMP718	7399819.3363	5104475.8878	108.1111
GMP719	7399785.3732	5104587.2184	107.3280
GMP761	7397151.0490	5108983.7990	119.0013
GMP762	7397151.4140	5109128.3827	119.5458
GMP763	7397076.1589	5109222.6952	120.0039
GMP764	7397068.4548	5109386.8914	122.0161
GMP765	7396982.5834	5109522.7224	122.7235
GMP791	7395685.3055	5113236.2553	126.9126
GMP792	7395583.4310	5113281.2119	127.4586
GMP793	7395566.8441	5113434.6080	127.6945
GMP794	7395450.2335	5113511.0401	127.3528
GMP795	7395424.8564	5113689.4560	128.0041
GMP803	7394768.1657	5114744.2786	127.8496

15. GRAFIČKA DOKUMENTACIJA

223N

678

6800

Leica

692

697

707

703N

Z11N

120

P208N

P30N

732 N

733 N

740N

741N

744N

750

752

759

161

Nedo
Made in Germany

178

776

123"

781

788

EXPRESS
INTERFREIGHT

800

802

GMP663N
663

69

GMP681

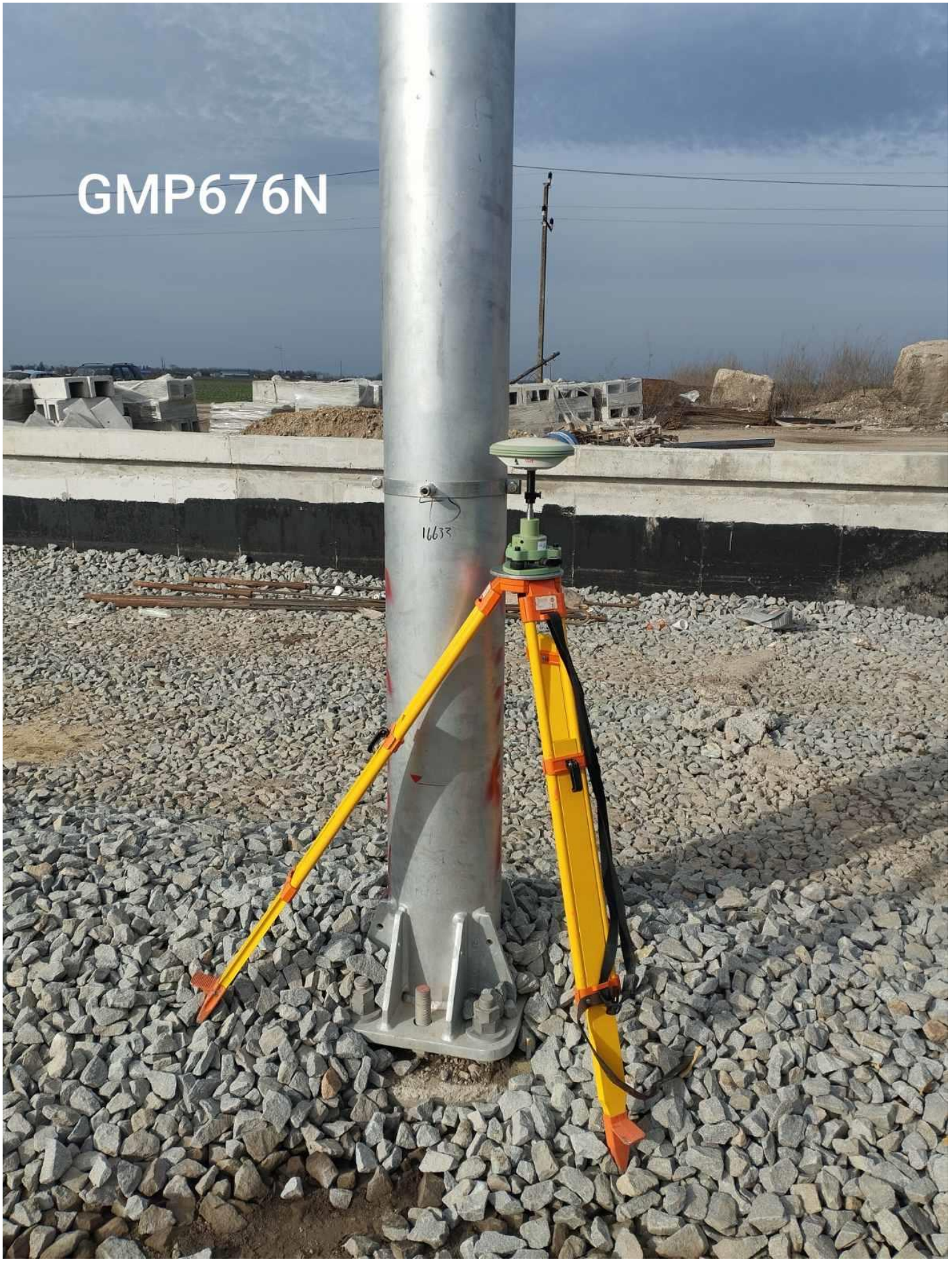
GMP707

GMP666N

GMP738N

GMP690

GMP708


GMP676N

GMP712

GMP700
700

743N
SU 115-BU
GMP743N

GMP661N
661

GMP721

GMP689

749N
GMP749N

GMP725N

GMP671

GMP659N
6
5
9

GMP677N

GMP696
69

Made in Germany

GMP766
766

GMP745N

GMP674

GMP760

GMP758N
Leica

GMP710

GMP735N

GMP748N

GMP731N

GMP691N

6
5
9

GMP770

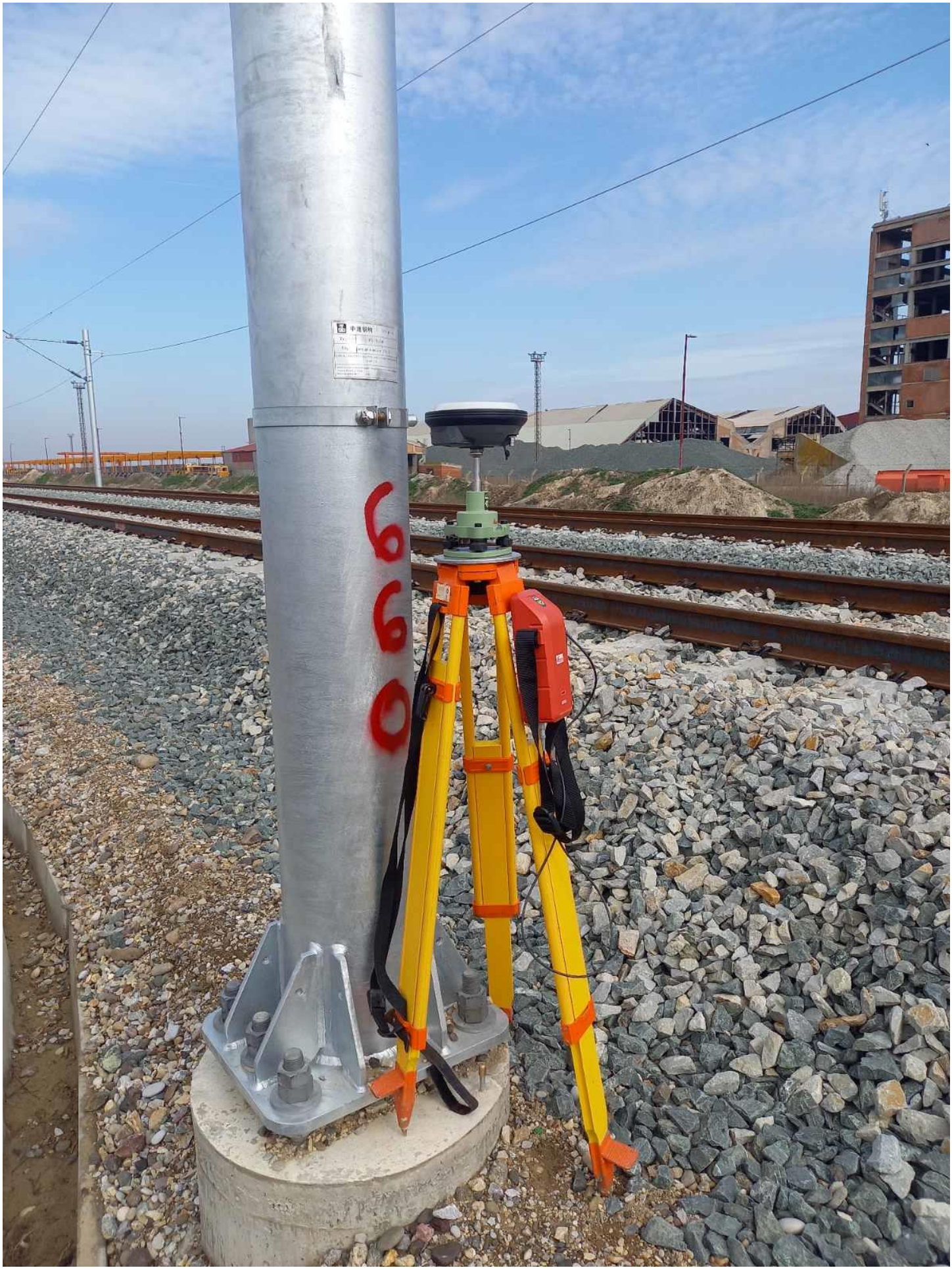
GMP717

GMP667

GMP768
768

GMP683

GMP734N


660

GMP664
Made in Germany

GMP751N

GMP739

GMP702

GMP704

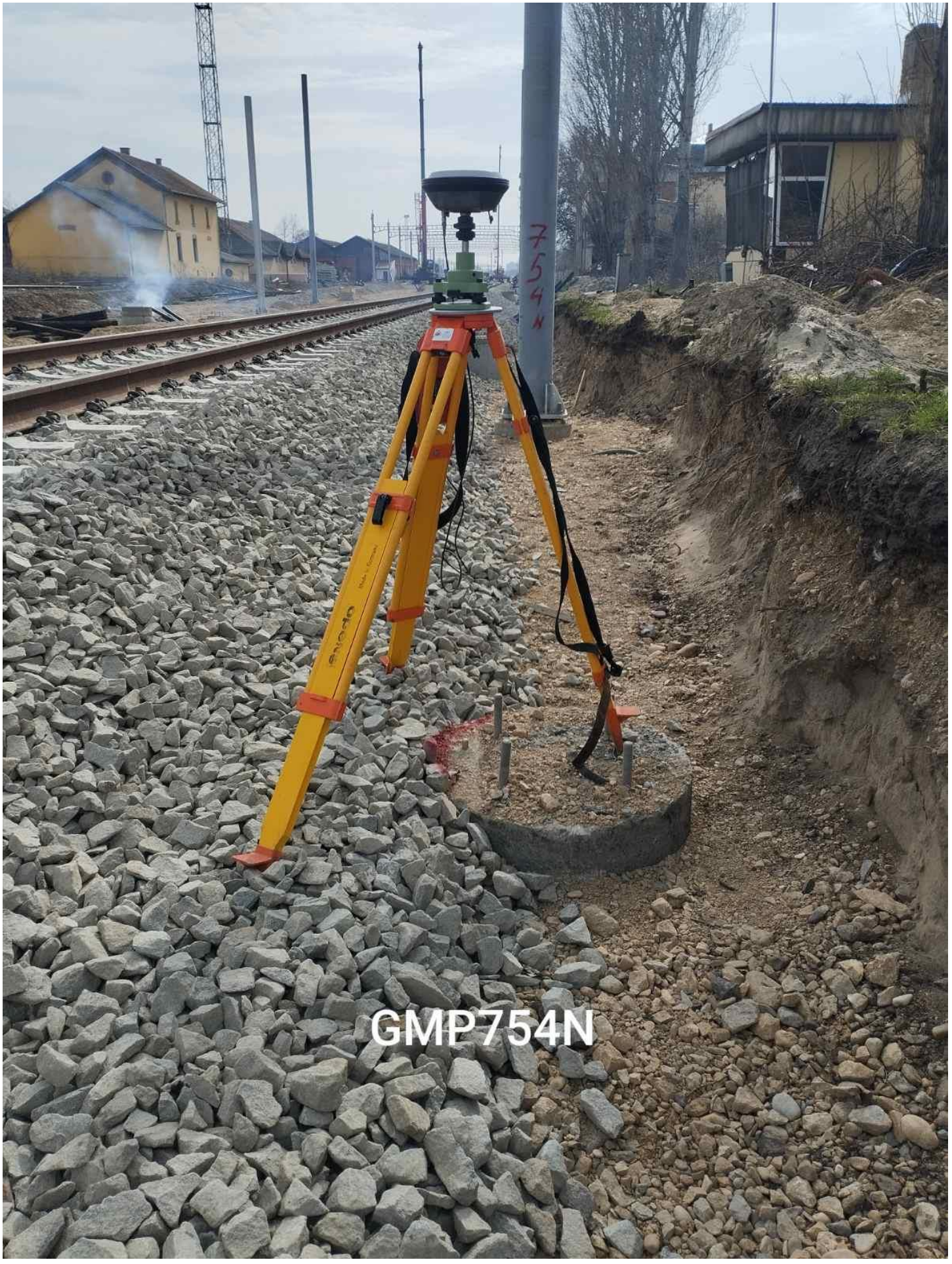
GMP730N

GMP669
Made in Germany

GMP723N

57

GMP685


754N
GMP754N

GMP705N
705N

GMP716

GMP679
679

GMP729N

GMP660N

GMP693
693

GMP657

GMP714N

Viva 2
158

O
789

197

Leica

PRILOZI

ATC
02 - 025
ЛАБОРАТОРИЈА
ЗА ЕТАЛОНИРАЊЕ
ISO/IEC 17025

ilac-MRA

GEO
VEKOM

UVERENJE O ETALONIRANJU

Datum: 27.11.2023. **Broj uverenja: 0588/23/01** Ukupan broj strana: 2

Naziv:	GLOBALNI POZICIONI SISTEM -GNSS GPS
Proizvođač:	Leica Geosystems AG
Tip:	Prijemnik: GS16 Antena: GS16
Identifikacioni broj:	Prijemnik: 3710961 Antena: 3710961
Datum etaloniranja:	27.11.2023.
Korisnik merila:	PRIVREDNO DRUŠTVO ABA PROFESSIONAL DOO BEOGRAD Beograd, Heroja Nebojše Živančevića 6a

Merenje izvršio:
Uroš Vučković,Tehnički saradnik

GEO
VEKOM
Preduzeće za proizvodnju i pružanje usluga export - import d.o.o. Beograd

Ovlašćeno lice
Ankica Milinković,MSc inž.geod.
Rukovodilac laboratorije

Uverenje o etaloniranju se odnosi samo na merilo koje je u ovom dokumentu identifikovano. Aktivnosti ocene usaglašenosti izvedene na lokaciji navedenoj ispod:

VEKOM GEO d.o.o. Preduzeće za proizvodnju i pružanje usluga export import
Iodora Dukina 61, 11000 Beograd, Srbija **T/F:** +381 (0) 11 2650655 **M:** +381 (0) 63 638787
www.vekom.com e-mail office@vekom.com
Laboratorija za etaloniranje merila u geodeziji, građevini i srodnim oblastima kao i merila zapremine

Datum: 27.11.2023. **Broj uverenja: 0588/23/01** Ukupan broj strana: 2

Opis uzorka koji se etalonira:	Merni uređaj (satelitski prijemnik i satelitska antena) za primenu tehnologije globalnog pozicioniranja
Metoda etaloniranja:	Za prikupljanje i obradu podataka etaloniranja GNSS GPS primenjuje se laboratorijska metoda zasnovana na ISO 17123-8:2015 Optics and optical instruments — Field procedures for testing geodetic and surveying instruments — Part 8: GNSS field measurement systems in real-time kinematic (RTK)
Rezultat etaloniranja:	Standardna devijacija: Horizontalno: Sxy(U)=4,521 mm Visinski: Sh(U)=12,088 mm Napomena: instrument je primljen u laboratoriju 24.11.2023
Merna nesigurnost:	Merna neigurnost proracunata prema preporukama referentnih dokumenata iznosi horizontalno: 15 mm,visinski: 20 mm
Metrološka sledivost:	Do nacionlnog etalona jedinice ugla - METAS Švajcarska, broj sertifikata laboratorije 02-033, broj sertifikata etalona 63156/398-21 od 29.06.2021 godine; Do nacionalnog etalona jedinice dužine - METAS Švajcarska, broj sertifikata laboratorije SCS079, broj sertifikata etalona 209040-11032020 od 11.03.2020. godine;

Kraj uverenja o etaloniranju.

ATC
02 - 025
ЛАБОРАТОРИЈА
ЗА ЕТАЛОНИРАЊЕ
ISO/IEC 17025

ilac-MRA

GEO
VEKOM

UVERENJE O ETALONIRANJU

Datum: 25.7.2022 **Broj uverenja: 0283/22/01** Ukupan broj strana: 2

Naziv:	GLOBALNI POZICIONI SISTEM -GNSS GPS
Proizvođač:	Leica Geosystems
Tip:	Prijemnik: GS14 Antena: GS14
Identifikacioni broj:	Prijemnik: 3705024 Antena: 3705024
Datum etaloniranja:	25.7.2022
Korisnik merila:	PRIVREDNO DRUŠTVO ABA PROFESSIONAL DOO BEOGRAD Beograd, Heroja Nebojše Živančevića 6a

Merenje izvršio:
Dejan Lalović, Msc inž.geod.
Tehnički saradnik

GEO
VEKOM
MP
Preduzeće za proizvodnju
i pružanje usluga
export - import d.o.o.
Beograd

Ovlašćeno lice
Ankica Milinković,MSc inž.geod.
Rukovodilac laboratorije

Uverenje o etaloniranju se odnosi samo na merilo koje je u ovom dokumentu identifikovano. Aktivnosti ocene usaglašenosti izvedene na lokaciji navedenoj ispod:

VEKOM GEO d.o.o. Preduzeće za proizvodnju i pružanje usluga export - import
Todora Dukina 61, 11000 Beograd, Srbija **T/F:** +381 (0) 11 2850655 **M:** +381 (0) 63 638787
www.vekom.com e-mail: office@vekom.com
Laboratorija za etaloniranje merila u geodeziji, građevini i srodnim oblastima kao i merila zapremine

Bez ovlašćenja laboratorije uverenje o etaloniranju ne sme se umnožavati osim u celini. Uverenje o etaloniranju bez pečata i potpisa nije važeće.

Datum: 25.7.2022

Broj uverenja: 0283/22/01

Ukupan broj strana: 2

Opis uzorka koji se etalonira:	Merni uređaj (satelitski prijemnik i satelitska antena) za primenu tehnologije globalnog pozicioniranja
Metoda etaloniranja:	Za prikupljanje i obradu podataka etaloniranja GNSS GPS primenjuje se laboratorijska metoda zasnovana na ISO 17123-8:2015 Optics and optical instruments — Field procedures for testing geodetic and surveying instruments — Part 8: GNSS field measurement systems in real-time kinematic (RTK)
Rezultat etaloniranja:	Standardna devijacija: horizontalno: Sxy(U)=7.457 mm Visinski: Sh(U)=17.318 mm Napomena: instrument primljen u laboratoriju 22.7.2022
Merna nesigurnost:	Merna neigurnost proracunata prema preporukama referentnih dokumenata iznosi horizontalno: 15 mm,visinski: 20 mm
Metrološka sledivost:	Do nacionlnog etalona jedinice ugla - METAS Švajcarska, broj sertifikata laboratorije 02-033, broj sertifikata etalona 63156/398-21 od 29.06.2021 godine; Do nacionalnog etalona jedinice dužine - METAS Švajcarska, broj sertifikata laboratorije SCS079, broj sertifikata etalona 209040-11032020 od 11.03.2020. godine;

Kraj uverenja o etaloniranju.

ATC
02 - 025
ЛАБОРАТОРИЈА
ЗА ЕТАЛОНИРАЊЕ
ISO/IEC 17025

ilac-MRA

GEO
VEKOM

UVERENJE O ETALONIRANJU

Datum: 11/05/2022 **Broj uverenja: 0166/22/01** Ukupan broj strana: 2

Naziv:	Merni uređaj za primenu tehnologije globalnog pozicioniranja
Proizvođač:	Leica Geosystems AG
Tip:	Prijemnik: GS08plus Antena: GS08plus
Identifikacioni broj:	Prijemnik: 1853485 Antena: 1853485
Datum etaloniranja:	11/05/2022
Korisnik merila:	PRIVREDNO DRUŠTVO ABA PROFESSIONAL DOO BEOGRAD Beograd, Heroja Nebojše Živančevića 6a

Merenje izvršio:
Dejan Lalović, Msc inž.geod.
Tehnički saradnik

MP

Ovlašćeno lice
Ankica Milinković, MSc
inž.geod.
Rukovodilac laboratorije

Uverenje o etaloniranju se odnosi samo na merilo koje je u ovom dokumentu identifikovano. Aktivnosti ocene usaglašenosti izvedene na lokaciji navedenoj ispod:

VEKOM GEO d.o.o. Preduzeće za proizvodnju i pružanje usluga export - import
Todora Dukina 61, 11000 Beograd, Srbija **T/F:** +381 (0) 11 2050655 **M:** +381 (0) 63 638787
www.vekom.com e-mail: office@vekom.com
Laboratorija za etaloniranje merila u geodeziji, građevini i srodnim oblastima kao i merila zapremine

Datum: 11/05/2022 **Broj uverenja: 0166/22/01** Ukupan broj strana: 2

Opis uzorka koji se etalonira:	Merni uređaj (satelitski prijemnik i satelitska antena) za primenu tehnologije globalnog pozicioniranja
Metoda etaloniranja:	Upoređenje veličina izvedenih iz frekvencije kvarcnog oscilatora prijemnika i frekvencije rubidijumskog i cezijumskog oscilatora satelita.Prikazana proširena nesigurnost merenja „U", dobijena je množenjem standardne nesigurnosti merenja „u" faktorom obuhvata k=2, (U=2u),
Rezultat etaloniranja:	Alanov standard za interval od 1 s:$4{,}27 \cdot 10^{-13}$ Horizontalno odstupanje faznog centra: < 10 mm Merna nesigurnost kodnih pseudodužina *(C1)*: 0,19 m Merna nesigurnost kodnih pseudodužina *(P2)*: 0,22 m Merna nesigurnost faznih pseudodužina *(L1)*: 2,7 mm Merna nesigurnost faznih pseudodužina *(L2)*: 2,5 mm Napomena: Instrument primljen u laboratoriju 11.05.2022
Merna nesigurnost:	Nesigurnost statičkog pozicioniranja: Horizontalno: (3+0.5xD, D y km) mm Vertikalno: (6+0.5xD, D y km) mm Nesigurnost kinematičkog pozicioniranja: Horizontalno: (5+0.5xD, D y km) mm Vertikalno: (10+0.5xD, D y km) mm
Metrološka sledivost:	Rezultat etaloniranja je sledliv do nacionalnih etalona jedinice vremena, dužine i ugla, ostavrenih komparativnom analizom sa preciznim satelitskim merenjima, te poređenjem sa cezijumskim i rubidijumskim oscilatorima, NIST Amerika.

Kraj uverenja o etaloniranju.

ATC
02 - 025
ЛАБОРАТОРИЈА
ЗА ЕТАЛОНИРАЊЕ
ISO/IEC 17025

ilac-MRA

GEO
VEKOM

UVERENJE O ETALONIRANJU

Datum: 15.1.2024. **Broj uverenja: 0004/24/02** Ukupan broj strana: 2

Naziv:	GLOBALNI POZICIONI SISTEM -GNSS GPS
Proizvođač:	Leica Geosystems AG
Tip:	Prijemnik: GS08plus Antena: GS08plus
Identifikacioni broj:	Prijemnik: 1856533 Antena: 1856533
Datum etaloniranja:	15.1.2024.
Korisnik merila:	PRIVREDNO DRUŠTVO ABA PROFESSIONAL DOO BEOGRAD Beograd, Heroja Nebojše Živančevića 6a

Merenje izvršio:
Uroš Vučković,Tehnički saradnik

MP
VEKOM GEO
Preduzeće za proizvodnju i pružanje usluga export - import d.o.o. Beograd

Ovlašćeno lice
Ankica Milinković,MSc inž.geod.
Rukovodilac laboratorije

Uverenje o etaloniranju se odnosi samo na merilo koje je u ovom dokumentu identifikovano. Aktivnosti ocene usaglašenosti izvedene na lokaciji navedenoj ispod:

VEKOM GEO d.o.o. Preduzeće za proizvodnju i pružanje usluga export - import
Todora Dukina 61, 11000 Beograd, Srbija **T/F:** +381 (0) 11 2850655 **M:** +381 (0) 63 638787
www.vekom.com e-mail: office@vekom.com
Laboratorija za etaloniranje merila u geodeziji, građevini i srodnim oblastima kao i merila zapremine

Datum: 15.1.2024.

Broj uverenja: 0004/24/02

Ukupan broj strana: 2

Opis uzorka koji se etalonira:	Merni uređaj (satelitski prijemnik i satelitska antena) za primenu tehnologije globalnog pozicioniranja
Metoda etaloniranja:	Za prikupljanje i obradu podataka etaloniranja GNSS GPS primenjuje se laboratorijska metoda zasnovana na ISO 17123-8:2015 Optics and optical instruments — Field procedures for testing geodetic and surveying instruments — Part 8: GNSS field measurement systems in real-time kinematic (RTK)
Rezultat etaloniranja:	Standardna devijacija: Horizontalno: Sxy(U)=5,906 mm Visinski: Sh(U)=8,981 mm Napomena: instrument je primljen u laboratoriju 10.01.2024
Merna nesigurnost:	Merna neigurnost proracunata prema preporukama referentnih dokumenata iznosi horizontalno: 15 mm,visinski: 20 mm
Metrološka sledivost:	Do nacionlnog etalona jedinice ugla - METAS Švajcarska, broj sertifikata laboratorije 02-033, broj sertifikata etalona 63156/398-21 od 29.06.2021 godine; Do nacionalnog etalona jedinice dužine - METAS Švajcarska, broj sertifikata laboratorije SCS079, broj sertifikata etalona 209040-11032020 od 11.03.2020. godine;

Kraj uverenja o etaloniranju.